## **Summer Session 2021**

Session I May 15 - July 9

Session II June 14 - August 6

University Holidays May 24

July 5

## **Registration Start Dates for Summer 2021**

Veterinary Medicine students: Monday, April 5

Graduate students: Monday, April 5 - Tuesday, April 6
All seniors: Wednesday, April 7 - Tuesday, April 13
Projected juniors: Wednesday April 14 - Saturday April 17
Projected sophomores: Monday, April 19 - Wednesday April 21
Continuing freshmen: Thursday, April 22 - Friday, April 23

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

#### **Page**

- 2 Table of Contents for Courses
- 3 Key Dates, Deadlines, Information
- 4 University Calendar link
- 5 Resources
- 6 Admission
- 8 General Information about Registering for Courses
- 9 Schedule of Classes, Schedule Planner, AccessPlus
- 10 Schedule Changes
- 11 Summer 2021 Fee Schedule
- 12 Tuition and Fees
- 15 Graduation
- 16 Student Records
- 18 Services for Students
- 19 Course Information
- 22 Time Grids
- 23 Registration Worksheet
- 29 Summer 2021 Courses

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**Table of Contents for Courses** 

## **Table of Contents for Courses**

## **Summer Semester Courses**

<u>Pa</u>	ge
29	Ac

- Accounting (ACCT)
- 29 Advertising (ADVRT)
- 29 Aerospace Engineering (AER E)
- 30 African American Studies (AF AM)
- 30 Agricultural & Biosystems Engineering
- 31 Agricultural Education & Studies (AGEDS)
- 32 Agronomy (AGRON)
- 33 American Indian Studies (AM IN)
- American Sign Language (ASL)
- Animal Ecology (A ECL)
- Animal Science (AN S) 33
- Anthropology (ANTHR)
- Apparel, Events, & Hospitality Mgmt (AESHM)
- Apparel, Merchandising & Design (AMD)
- Arabic (ARABC)
- Architecture (ARCH)
- Art History (ART H)
- Astronomy & Astrophysics (ASTRO)
- Athletic Training (ATR)
- Biochemistry, Biophysics, & Molecular Biology (BBMB)
- Bioinformatics & Computational Biology UG (BCBIO)
- Bioinformatics & Computational Biology
- Biological/Pre-Medical Illustration (BPM I)
- Biology (BIOL)
- Biomedical Engineering (B M E)
- Biomedical Sciences (B M S)
- 39 Biorenewable Resources and Technology
- Business Administration (BUSAD)
- Chemical Engineering (CH E)
- Chemistry (CHEM)
- Chinese (CHIN)
- Civil Engineering (C E)
- Classical Studies (CL ST)
- Communication Studies (COMST)
- Community & Regional Planning (CRP)
- Computer Engineering (CPR E)
- Computer Science (COM S)
- Construction Engineering (CON E)
- Criminal Justice Studies (C J)
- Cyber Security Engineering (CYB E)
- Dance (Dance)
- 45 Data Science (DS)
- 45 Design Studies (DSN S)
- Dietetics (DIET)
- Early Childhood Education & Programming (E C P)
- Ecology & Evolutionary Biology (EEB)
- Ecology, Evolution & Organismal Biology (EEOB)

## <u>Page</u>

- 46 Economics (ECON)
- 47 Education (EDUC)
- 50 Educational Administration (EDADM)
- 50 Educational Leadership & Policy Studies (EL PS)
- Electrical Engineering (E E)
- Engineering (ENGR)
- Engineering Mechanics (E M)
- English (ENGL) 51
- Entomology (ENT) 53
- Entrepreneurship (ENTSP) 53
- Environmental Engineering (ENV E)
- Environmental Science (ENSCI)
- Environmental Studies (ENV S) 54
- Event Management (EVENT)
- Family & Consumer Sciences Education & Studies (FCEDS)
- Family Financial Planning (FFP)
- Finance (FIN)
- Food Science & Human Nutrition (FS HN)
- Forestry (FOR)
- 57 French (FRNCH)
- 57 Genetics (GEN)
- Genetics Interdisciplinary- (GENET)
- Genetics, Development & Cell Biology (GDCB)
- 57 Geology (GEOL)
- German (GER)
- Gerontology (GERON)
- Global Resource Systems (GLOBE)
- Graduate Studies (GR ST)
- Graphic Design (ARTGR)
- Health Studies (H S)
- Higher Education (HG ED)
- History (HIST)
- 60 Honors (HON)
- 60 Horticulture (HORT) Hospitality Management (HSP M) 61
- Human Computer Interaction (HCI)
- Human Development & Family Studies (HD FS)
- 62 Human Sciences (H SCI)
- Immunobiology (IMBIO)
- Industrial Design (IND D) 62
- Industrial Engineering (I E)
- Information Assurance (INFAS)
- Integrated Studio Arts (ARTIS) 63
- Interdisciplinary Graduate Studies (IGS)
- Interior Design (ARTID)
- International Studies (INTST)
- Iowa Lakeside Laboratory (IA LL)
- Journalism & Mass Communication (JL MC)

Liberal Arts & Sciences (LAS)

- Kinesiology (KIN)
- Landscape Architecture (L A)
- Latin (Latin) Leadership Studies (LD ST)

67

### <u>Page</u>

- Library (LIB) 67
- Linguistics (LING)
- 68 Management (MGMT)
- Management Information Systems (MIS)
- Marketing (MKT)
- Materials Engineering (MAT E)
- Materials Science & Engineering (M S
- Mathematics (MATH)
- Mechanical Engineering (M E)
- Meteorology (MTEOR)
- Microbiology (MICRO) 72
- Molecular, Cellular, Developmental 72 Biology (MCDB)
- 72 Music (MUSIC)
- 74 Natural Resource Ecology &
- Management (NREM) Neuroscience (NEURO)
- Nursing (NRS)
- 75 Nutritional Sciences (NUTRS)
- Organization for Tropical Studies (OTS)
- Performing Arts (PERF)
- 75 Philosophy (PHIL)
- 75 Physics (PHYS)
- 76 Plant Biology (PLBIO) 76 Plant Pathology (PL P)
- 76 Political Science (POL S)
- Psychology (PSYCH)
- Public Relations (PR)
- Religious Studies (RELIG)
- Research & Evaluation (RESEV)
- Russian (RUS)
- 79 Seed Technology & Business (STB)
- Sociology (SOC) 79
- Software Engineering (S E) 80
- Spanish (SPAN) 80
- 81 Special Education (SP ED) 81 Speech Communication (SP CM)
- 81 Statistics (STAT)
- Supply Chain Management (SCM)
- Sustainable Agriculture (SUSAG)
- Technology Systems Management (TSM)
- 83 Theatre (THTRE)
- 83 Toxicology (TOX)
- Transportation (TRANS) U.S. Latino/a Studies (US LS)
- 83 University Studies (U ST)
- 83 Urban Design (URB D)
- 83 Veterinary Diagnostic & Production Animal Medicine (VDPAM)
- Veterinary Clinical Sciences (V C S)
- Veterinary Microbiology & Preventive Medicine (V MPM)
- Veterinary Pathology (V PTH) Women's & Gender Studies (WGS)
  - World Film Studies (W F S) World Languages & Cultures (WLC)

**Dates & Deadlines** 

# **Key Dates, Deadlines,** Information

## **Class Registration on AccessPlus**

Hours: 7 a.m.- 11 p.m., Monday-Saturday.

## **Academic Probation**

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

## **Auditing Courses**

under Probation, Academic.

You must register for a full semester course audit by day 10 of the semester. Instructors must approve all audits. Audited courses do not count toward determining full-time student status, but are considered the same as a credit course for fee assessment purposes and maximum number of credits allowed each semester. To find out specific deadlines for partial term courses, go the ISU index under Schedule Changes, or contact the Scheduling & Fees Office, 10 Enrollment Services Center, 294-2331.

## **Fee Payment Deadlines**

Fee payment deadlines for Summer 2021 are May 20, June 20, and July 20 for deferred billing. A \$20 deferred billing charge is assessed. Contact Accounts Receivables for information.

## **Graduation Information**

If you plan to graduate Summer 2021, you need to complete a graduation application. If graduating, go to the ISU website index under Graduation and Commencement, click on students, then choose graduation application.

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

**Room Assignments** Room assignments will be available on AccessPlus class schedule on Saturday, April 24. To find a map of room locations on campus go to the ISU index under Classroom abbreviations.

## Schedule Changes

You can add/drop summer session I courses using AccessPlus Registration through Friday, May 21. You can iniciate registration for summer session I courses using AccessPlus Registration through Friday, May 21. For additional schedule change deadlines go to the ISU index under Schedule Changes.

**University Calendar** 

# **University Calendar Summer 2021**

## **Academic Calendars:**

https://www.registrar.iastate.edu/

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#### Resources

## Resources

Admissions www.admission General Information	s.iastate.edu 100 Enrollment Services Center	(515)294-5836
College Student Service	ees Offices	
	20 Curtiss	294-2766
	1200 Gerdin	
	297 College of Design	
	1300 Marston	
	1137 Pearson	
	0131 MacKay	
Liberal Arts and Sciences	102 Carrie Chapman Catt Hall	294-1522
	2540 Veterinary Medicine	
Financial Aid Office www	vw.financialaid.iastate.edu	
General Information	0210 Beardshear	294-2223
ISUCard Office www.adp.i	astate.edu/idcard/	
	0530 Beardshear	294-2727
Office of the Registrar	www.jastata.adu/~ragistrar/	
	10 Enrollment Services Center	294-1840
	210 Enrollment Services Center	
	214 Enrollment Services Center	
	214 Enrollment Services Center	
	10 Enrollment Services Center	
	nission 214 Enrollment Services Center	
	10 Enrollment Services Center	
	10 Enrollment Services Center	
	10 Enrollment Services Center	
	214 Enrollment Services Center	
	3578 Memorial Union	
Registration Hold Cont	tacts	
		294-7388
Admissions	100 Enrollment Services Center	294-5836
	1010 Student Services Building	
	1137 Pearson	
	ars3241 Memorial Union	
Loans Receivable		
	214 Memorial Union	
Multicultural Student Affairs	2080 Student Services Building,	294-6338
	10 Enrollment Services Center	
Student HealthThoma	as B. Thielen Student Health Center	294-5801

## **Voter Registration**

To learn how to register to vote, or to find out more about voting in Iowa, go to www.sos.state.ia.us/. Voter registration forms are available in the Office of the Registrar, 214 Enrollment Services Center, and the Student Answer Center, Ground Floor, Beardshear.

**New and Reentering Students** 

## **Admission**

**New Students** Prospective students should contact the Office of Admissions for information concerning admission procedures. Refer to the Catalog, University (Courses and Programs) for specific requirements for admission located at http://catalog. iastate.edu/admissions/. Applications are available through the Iowa State University home page, by clicking on "Apply" under Prospective Students or by contacting the Office of Admissions, 100 Enrollment Services Center. The completed application, application fee, and all required transcripts must be received by the Office of Admissions before admission is complete. Approval for admission is necessary before a student begins the registration process.

Graduate Students

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

Nondegree Students

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

## Reentering **Students**

#### Undergraduate students, both nondegree and degree seeking:

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

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

Questions about the registration process, contact:

### Office of the Registrar's **Scheduling & Fees** Office

10 Enrollment Services Center. 515-294-2331

## **College student** services offices:

#### Life and Ag **Sciences**

20 Curtiss 294-2766

#### **Business**

1200 Gerdin 294-8430

### Design

297 College of Design 294-6983

## **Engineering**

1300 Marson 294-7186

#### **Graduate College**

1137 Pearson 294-4531

#### **Human Sciences**

0131 MacKay 294-6466

#### **Liberal Arts and Sciences**

102 Carrie Chapman Catt Hall 294-4831

#### **Veterinary Medicine**

2540 Vet Med 294-0772

Returning Students

International Students

All international students must complete the reentry form and a financial statement (for visa purposes) after an absence of one semester or more (not including summer term). International student reentry forms are available through the ISU index under Reentering ISU, International Students and Scholars or from the Scheduling & Fees area at 10 Enrollment Services. Return all parts of the completed reentry form and related documentation to the Office of the Registrar well in advance of the beginning of the term for which reentry is desired. Degreeseeking Students who have attended another college or university since their last enrollment at Iowa State must send official transcripts of all course work to the Office of Admissions, 100 Enrollment Services Center. Once reentry has been approved, the reentry form will be forwarded to the Office of International Students and Scholars for financial certification and visa eligibility. Questions related to financial certification or visas should be directed to the Office of International Students and Scholars, 3248 Memorial Union, at 515-294-1120, or by e-mail: intlserv@iastate.edu.

Academically Dismissed

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

Approving Reentry

All reentry forms should be submitted to the Office of the Registrar, Scheduling & Fees, 10 Enrollment Services or faxed to 515-294-2034 well in advance of the beginning of the term for which reentry is sought. The Office of the Registrar will process the form, or refer the reentry form to the college to which a student plans to return if the student (a) desires to change curriculum; (b) has a previous Iowa State University cumulative grade point average below 2.00 or had a last term average below 2.00; (c) was dropped from Iowa State for unsatisfactory academic progress or was not otherwise in good standing; or (d) since leaving Iowa State, has completed additional college study with less than a 2.00 grade point average. Once approved, they will receive a letter from the Office of the Registrar with information about registration.

How to Register

Reentering students should contact their adviser or departmental office to select courses and begin the registration process. New and reentering students are encouraged to register during the web registration period, and will be assigned registration start dates according to their yearin-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

Academically Dismissed

Graduate Students

Non-international undergraduate and non-degree students, who have been away from Iowa State for less than 12 months and who were not academically dismissed, may contact the Office of the Registrar, Scheduling & Fees area, at 515-294-2331 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their adviser to discuss course selection. These students do not need to complete a reentry form.

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.

All graduate students who have been away from Iowa State for at least one semester (not including summer) should contact the Office of the Registrar, Scheduling & Fees, at 515-294-2331 or e-mail: reentry@iastate.edu to have their student record and address information updated prior to meeting with their major professor to discuss course selection. International graduate students must file a student financial statement for visa purposes. The form is available from International Students and Scholars, 252 Memorial Union, 515-294-1120, or e-mail: intlserv@iastate.edu.

# Registration

To prepare to register for classes, you can use the following materials and information:

- Registration Worksheet, available for download through the Registrar's web site index under Forms.
- RAN (registration access number) if required by your college.
- Course information from the Schedule of Classes at classes.iastate.edu/.
- Class Schedule Planner at planner.iastate.edu/.
- Other departmental information applicable to your curriculum.

## To register, follow these steps:

- Meet with your academic adviser, who will provide the following:
  - a. degree audit.
  - b. guidance in course selection
  - c. Registration Authorization Card, with RAN, if applicable.
- 2 Choose specific sections for each course you want to take. In most cases, your adviser will not be involved in selecting meeting times. You can use the Schedule of Classes (http://classes.iastate.edu) and Class Schedule Planner (http://planner.iastate.edu) to plan your schedule.
- Review your registration start date/time information and any registration hold information on AccessPlus, under Current Information. You must resolve holds on your registration in order to register for classes.
- Register for courses using the AccessPlus registration system. Room locations for courses will be available on AccessPlus in late July.
- Remember to pay your fees. Registration is not complete until all fees are paid, including, tuition, room and board and other university charges.

  View your university bill on AccessPlus. Failure to view your account on AccessPlus will not exempt you from late penalties or from having a hold placed on your registration. If you have questions, call 515-294-7388.

## **Initiating Registration**

The last day to initiate a new registration for through AccessPlus registration or the Scheduling & Fees Office in 10 Enrollment Services Center for Summer 2021 full-12 week classes is Friday, May 14.

## **Cancelling Registration**

To avoid tuition assessment notify the Office of the Registrar by 4 p.m. one business day before the course begins, of intent to cancel registration, or drop all classes on AccessPlus by 11 p.m the night before the course begins. For information and a cancellation form, go to the ISU index under Cancelling Registration.

#### **RAN**

The registration access number (RAN) is a confidential, personal number required by some colleges to use the registration system. Colleges that currently do not require a RAN are Business, Veterinary Medicine, and the Graduate College. Since students will be held accountable for all changes made to the schedule through AccessPlus, do not share this number. Students will be assigned a new RAN each registration period.

#### **Registration System Abuse**

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

## **AccessPlus Registration Tips**

Hours for the system: Monday-Saturday, 7 a.m. - 11 p.m.

- · Review your schedule for time conflicts.
- If you need to register for a course that currently has no space available, please attempt to add the course anyway. Requesting a closed course will help departments determine what course demands are still unmet.
- When making a section change within a course, try to add the new section first. If the requested section is open, the previous section will automatically be dropped from your schedule.
- Entering the Registration Access Number (RAN) is no longer required once courses exist on your schedule. If you are already registered, you won't need to enter the RAN again to change your schedule.
- If you get the message "You have requested a restricted section for which your are not eligible," click on the Details button on the Search page to view course section restrictions.
- If you are in a learning community, you must add the learning community reference number first before other courses exist on your schedule. You cannot drop a LTM without dropping all associated courses.

## **Schedule of Classes**

http://classes.iastate.edu/

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

Follow the instructions on the Search Tips link to assist when locating classes. The information is especially helpful if looking for courses in specific categories e.g., half term, U.S. Diversity/ International Perspectives, or courses offered at a specific time of day.

## **Schedule Planner**

http://planner.iastate.edu/

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

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

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

## **AccessPlus**

https://accessplus.iastate.edu/

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

- Register for classes
- View or print a current term or future term class schedule
- View residence hall information
- Complete residence hall contract
- Choose dining plan
- Buy Dining Dollars

- Add value to CyCash
- Search for jobs on and off campus
- Sign up for direct deposit of payroll
- View payroll information
- Review, accept/decline, release financial aid
- Sign up for direct deposit of excess financial aid funds
- View, print, and pay university bill
- View or print grades
- Verify address and other personal information
- Update in-session or interim address
- Print unofficial transcript
- Order official transcript
- Print 1098T tuition summary statements for tax reports

Adding and Dropping Courses

# **Schedule Changes**

## **Dropping and Adding Courses**

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

## Schedule change periods are as follows:

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

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

Drops and other schedule changes that are judged to be beyond the student's control may be processed as administrative actions if approved as such by the college dean. Administrative drops do not count toward a student's ISU drop limit or appear as an X on the permanent record. The effective date of an administrative action is the date approved by the college student services office and/or college dean of the student's college.

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

### Half-semester courses and partial term courses:

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

## R-Credit Courses (required courses)

Processing a scheduling change for a required course is usually considered administrative. Administrative drops do not count toward a student's ISU drop limit and do not appear as an X on the permanent record. To make a Period 3 R-credit drop administrative requires approval of the college dean.

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

## **Drop Limit**

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

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

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

## **Validating Enrollment**

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

Tuition and Fees Chart

# Summer 2021 Fee Schedule

Tuition & fees are subject to change without notice. for the most current tuition & fee rates visit www.registrar.

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

## Additional information:

Audits and zero credit courses: assessed according to contact hours; maximum charge for zero credit courses is three credit hours Partial credits (.5): assessed on the next larger whole number of credits, e.g., 6.5 credits is assessed as 7 credits.

Summer session: based on per credit as indicated in the fee schedule.

Tuition assessment for study abroad credits: up to a maximum of 12 credits, is above and beyond tuition for other courses taken during the same term.

Other Tuition and Fees Information

12

## **Tuition and Fees**

Tuition and fees are subject to change without notice.

## **Payment of Fees**

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

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

### **Cancelling Registration**

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

You may cancel your registration by contacting the Office of the Registrar at 515-294-2331 or go to the ISU index from www.iastate.edu under Cancelling Registration. You should make a record of the name of the person taking the call, as well as the time and date called.

#### Withdrawing Registration

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

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

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

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

13

## **Tuition Adjustment Schedule**

This tuition adjustment schedule is subject to change.

Tuition adjustments for withdrawals of registration are based upon the following table for Summer 2021:

Withdrawal Date:	Student Pays
Full Summer term	
May 20	10%
May 26	25%
June 1	50%
June 7	75%
After June 7	100%
Summer Session I	Student Pays
	10%
May 19	
May 21	25%
May 26	50%
May 28	75%
After May 28	100%
Summer Session II	Student Pays
June 16	10%
June 18	25%
June 23	50%
9	
June 25	75%
After June 25	100%

The Tuition Adjustment Schedule will be pro-rated when courses shorter than a standard semester (79 days) are involved. See the Tuition Adjustment Schedule on the web for the most common session deadlines. Contact the Scheduling and Fees area of the Office of the Registrar at 515-294-2331 or registrar@iastate.edu for questions or deadlines for courses offered during sessions that are not specifically listed on the Tuition Adjustment Schedule.

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

Contact the Scheduling & Fees area of the Office of the Registrar for deadline related to specific courses.

## **Tuition Adjustment for Workshops and Short Courses**

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

#### **Past Due Accounts**

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

**Glossary of Fees** 

## **Health Facility Fee**

All students are assessed an \$8 health facility fee for Summer 2021, except for students exclusively registered for the following: distance education courses; (courses with sections beginning with an X); courses for which no tuition is assessed; continuous registration status courses. Note: The health facility fee is mandatory for all students enrolled in the Students and Scholars Health Insurance Plan including all international students on an assistantship. For students who withdraw or change to an exempt status as defined above, the tuition adjustment schedule will also be used for the health facility fee.

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

Glossary of Fees

## **Health Fee (Mandatory)**

All students are assessed an \$120 Health Fee, except for students enrolled for four credits or less or students exclusively registered for the following: distance education courses (courses with section beginning with an X); courses for which no tuition is assessed; continuous registration status courses; weekend MBA courses; Lakeside Lab or geology field camp courses; graduate students enrolled in certain required courses or high school students enrolled under the PostSecondary Enrollment Options Act (Chapter 261C).

Students who withdraw or change to an exempt status (as defined above) will receive a credit adjustment of 100% through the set date with no adjustment after that time. No adjustment can be made if a student has used the services of the Thielen Student Health Center prior to withdrawing from or changing to an exempt status at the university. Students who add courses at any time during the term will be assessed the Health Fee according to the guidelines stated above.

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

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

## **New Student Programs/Matriculation Fee**

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

### **Admissions Acceptance Fee**

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

## **Special Course Fees**

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

**Graduation Procedures** 

15

## Graduation

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

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

## **Undergraduate Students**

Applications are available from the adviser, college student services office, the Registrar's Graduation Office, 214 Enrollment Services Center, or go to the ISU index under Graduation and Commencement. The applications are due in 210 Enrollment Services Center by Friday, before spring break. If you miss this deadline you can still submit before the last term of graduation.

Students will be notified of their graduation status no later than midterm. Graduation mailings will be sent to the insession address. Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

To update your address, please go to AccessPlus.

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

For more information, contact the Registrar's Graduation Office, 214 Enrollment Services Center, (515)294-9372 or e-mail: graduation@iastate.edu.

### **Teacher Licensure**

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

## **Graduate Students**

Specific deadlines have been set by the Graduate College for all graduate students. Failure to meet these deadlines may result in the removal of the students name from the graduation list for Summer 2021.

- An "Application for Graduation" (diploma slip) should be obtained from the students department and filed in the Graduate College by Friday, June 5.
- Last day for graduate students to cancel graduation, by June 26.
- A Request for "Final Oral Examination" form should be obtained from the students department and submitted to the Graduate College at least three weeks before the final oral examination.
- Final oral examination must be taken by Friday, July 23.
- Final signed thesis/dissertation form must be submitted to the Thesis Office, 1137 Pearson, by Tuesday, July 21. Last date for students with a thesis/dissertation (ETD) to upload final thesis to ProQuest/UMI for thesis approval must be submitted by Thursday, July 23.
- Signatures must be obtained on the "Graduate Student Approval Slip" by Tuesday July 21. This form will be sent to their major professor or department when their "Request for Final Examination" is approved. All incompletes from past terms and conditions on the final examination must be removed by this date.
- Financial obligations owed to the university and loan exit interviews must be completed, as required, before graduation.

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

For more information, contact the Graduate College, 1137 Pearson, (515)294-4531.

## **Student Records**

## **Degree Audits**

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

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

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

### **Full-Time/Half-Time Student Status**

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

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

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

## **Transcripts**

Certifications.

An official transcript may be ordered through AccessPlus; the Office of the Registrar, 10 Enrollment Services Center, 515-294-1840; or by faxing a downloaded form available from the ISU index under Transcripts, How to Order. Transcripts will not be issued if the student has any transcript holds for financial delinquency. Students, attending ISU after 1996, may also view their unofficial transcript using the AccessPlus system.

## **Grade Reports**

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

Grade	Quality Points		Grade Quality Points
A	4.00	С	2.00
A-	3.67	C-	1.67
B+	3.33	D+	1.33
В	3.00	D	1.00
В-	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

= No report submitted by the instructor

= Incomplete

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

## **Repeated Courses**

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

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

For more information, please refer to the Academic Life section of the catalog at :catalog.iastate.edu.

## **Veterans Educational Assistance**

Students planning to receive Veterans Educational Assistance must provide enrollment information to the V. A. clerks in the Office of the Registrar, 214 Enrollment Services Center, when registration is complete or veterans enrollment certification will be canceled. Veterans must also notify the V.A. clerks when changing credit hours or withdrawing from school. Please check with your certifying offical for more information about Summer enrollment requirements.

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

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

## **Information Disclosure for Students**

Iowa State University is required by law to make available to enrolled students, prospective students, and their parents certain information about the University. The information disclosure policy is available through the ISU index under Information Disclosure for Students and Employees. Students with no electronic access can obtain the information from the Office of the Registrar, 214 Enrollment Services Center, 515-294-1840 or from the Office of Admissions, 100 Enrollment Services Center, 515-294-5836. Iowa State will provide a paper copy of the information upon request.

## **Policy on Student Names**

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

#### **Release of Student Records**

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

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

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

## **Changing an Address on AccessPlus**

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

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

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

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

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

### **ISU ALERT**

The ISU Alert system (see: www.isualert.iastate.edu) will quickly alert Iowa State University students, faculty and staff of potentially dangerous situations on the Iowa State University campus. For details on how to review and update your ISU Alert information see http://isualert.iastate.edu/update.shtml

## **Third Party Access**

Third Party Access is an option on AccessPlus that allows students to share access to selected personal information with a trusted third party. For example, Third Party Access allows a student to set up a special account for a parent or family member to view grades and/or pay the university bill. More information on creating third party accounts can be found under Third Party Access on your AccessPlus account.

Services for Students

## **Services for Students**

## **Campus Parking**

Vehicles operated on campus must be registered at the Parking System Office in 27 Armory. For more information go to the ISU index under Parking Division, DPS.

Students who are not Ames residents may purchase permits to park in lot 29 or 29B, if space is available. If space is not available, they can utilize the free parking and free shuttle bus at the Ann Campbell Transit Hub. These parking lots are just south of Stephens Auditorium. Students living in Ames are urged to take the Cy-Ride bus from their homes to campus.

#### **Child Care**

Child Care Administration, a unit of Human Resource Services, supports Iowa State University families by linking them with programs and services that can help meet their child care needs. The university child care coordinator is available to assist families in accessing services available both on the campus and in the community. For more information go to the ISU index under Child Care.

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

Child care programs located on campus include:

- Center for Child Care Resources: Assistance in locating campus and community child care services, 100 University Village, Suite 1010, 515-294-8833 or 1-800-437-8599
- University Community Childcare at 100 University Village; 515-294-9838
- The Comfort Zone: Daycare for kids who don't feel so good, 100 University Village, 515-294-3333.
- Flex-Care: Part time care for children of ISU students, 100 University Village, 515-294-9838.
- University Child Care Center at Veterinary Medicine, 1700 Christensen Drive, 515-294-2273.
- ISU Child Development Laboratory School, 0351 Palmer Building, 515-294-3040.

## **Student Disability Resources**

Student Disability Resources coordinates the support services that students may need in order to reach their fullest academic potential. As part of the Dean of Students Office, Student Disability Resources staff serve as a resource within the university community concerning students who have a documented disability. SDR provides information, support, counseling, education, referral, and awareness to students, faculty, staff, the Ames community, and the state of Iowa. For more information, call 515-294-7220, TTY 515-294-6635, e-mail: disabilityresources@iastate.edu, or online go to the ISU index under Disability Resources, Students.

## **Identification Card (ISUCard)**

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

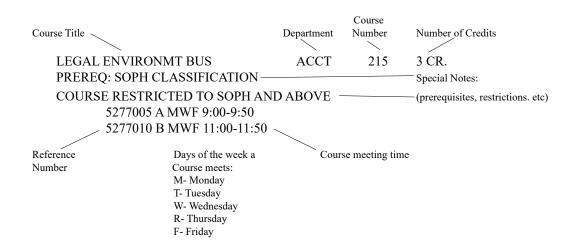
## **Spouses/Domestic Partners Cards**

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

For services such as the Lied Recreation Center, CyCash, or Parks Library, students may apply for the **Spouse/Domestic Partner** card. Both the student and spouse/domestic partner must bring a photo ID and proof of marriage or relationship (marriage certificate, joint insurance cards or joint tax returns) to 0530 Beardshear. The cost is \$25 per card and the cards expire every year on June 30.

Course Information

## **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.

## **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*.

## **Course Prerequisites**

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

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

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

#### Course information

20

## **Auditing Courses**

To audit a course means to enroll in the course without receiving credit for the course. Audited courses count towards credit limit but not full-time status. The instructor of the course must approve the audit request.

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

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

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

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

#### Audit Deadlines

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

• Full semester courses:

Adding an audit-day 10 deadline:

- -Through day 5 of classes: instructor approval required.
- -Day 6-10: instructor, adviser approval required; schedule change
- -After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

Changing status, from credit to audit-day 10 deadline:

- -Through day 5 of classes: instructor approval required.
- -Day 6-10: instructor, adviser, college approval required; schedule change fee applies.
- -After day 10: only with extenuating circumstances, instructor, adviser, college approval required; schedule change fee applies.

Changing status from audit to credit-day 5 deadline:

- -Through day 5 of classes: instructor approval required.
- -After day 5: instructor, adviser, college approval required; schedule change fee applies.

• Partial semester or summer courses:

Deadlines are determined based on the length of the course. For deadlines concerning partial term or summer courses, contact the Student Scheduling Office, 515-294-2331.

### **Canceled Courses**

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

## **Class Attendance**

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

## **Courses Requiring Permission**

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

## **Course Descriptions**

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

## **Credit Involving a Paid Activity**

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

### **Credits Limits**

For fall and spring semesters, the credit limit is 18 credits for undergraduates and 15 credits for graduate students. For summer session, the limits are 12 credits for undergraduates and 10 credits for graduate students. Requests to add credits beyond a student's credit limit will be denied. Generally, a student must drop credits before adding another course.

Students may request a change in their credit limit by contacting their adviser. Advisers should notify the student's college student services office if the credit limit needs to be changed.

## **Distance Education Course Information**

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

## **Experimental Courses**

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

## Late Registration

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

## **Linked Courses**

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

## **On-Campus Saturday and Evening** Courses

Many on-campus evening and Saturday classes are included in the Online Schedule of Classes http://classes.iastate.edu/. To search for evening classes from the Online Schedule of Classes, enter pm in the Section field. All courses meeting at 5 p.m. or later will be displayed. Remember that additional offerings may be listed so students should check the meeting times carefully. For questions regarding registration and/or fees, call (515)294-

### **Partial-Semester Courses**

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

### **Pass-Not Pass**

Students must contact their adviser/major professor to determine which courses they may take Pass-Not Pass. To take a course Pass-Not Pass, first add the course through the web registration system on a graded basis, then to declare the course as Pass-Not Pass, the student must obtain the signature of their adviser/major professor located in the Pass-Not Pass

section of the Schedule Change/Restriction Waiver form. Process the form in the Registrar's Student Scheduling Office, 10 Enrollment Services Centerl. Check the university calendar for deadlines pertaining to Pass-Not Pass changes. For more information, refer to http://catalog.iastate.edu/ under Academic

## **Registration Holds**

If a student has a registration hold, they will not have access to register until the hold has been released by the initiating office. Go to AccessPlus, Current Stdnt Info to view any registration

## **Restricted Sections of Courses**

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

## **Room Assignments**

Beginning Saturday April 22, students may find room assignments by viewing their schedule on AccessPlus.

## **Time Conflicts**

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

## **Validation of Enrollment**

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

## **Videotaping/Audiotaping Classes**

Courses may be videotaped for various reasons, including distance learning. Instructors may audiotape courses for personal reasons. Audiotapes may be made to accommodate a student's disability. Students shall not record and/or reproduce such audiotapes without the instructor's permission.

## **Summer Sessions Registration Trial Schedule Form (Time Grid)**

Days	7:30 a.m.	8:40 a.m.	9:50 a.m.	11:00 a.m.	12:10 p.m.	1:20 p.m.	2:30 p.m.	3:40 p.m.
Mon.								
Tues.								
Wed.								
Thurs.								
Fri.								
Sat.								
E	Γ		Г	Г	Γ		Γ	Ι
Days	7:30 a.m.	8:40 a.m.	9:50 a.m.	11:00 a.m.	12:10 p.m.	1:20 p.m.	2:30 p.m.	3:40 p.m.
Mon.								
Tues.								
Wed.								
Thurs.								
Fri.								
Sat.								

## IOWA STATE UNIVERSITY

Adviser Signature: \_\_\_\_

## **Registration Worksheet**

Date Approved: \_\_

	(Last)			(First)	(Middle)	(Term)
PΙε	ease provide your <b>univ</b>	ersity ID				
lf t	they have problems with t	the registration system	em, call the	Registrar's Office	(515-294-2331), from 8 a.m. to	o 4:30 p.m. Monday-Frida
Α.	View the Online Se the spaces provided b				<b>edu</b> for the list of classes of schedule.	offered for the term. Us
В.	<b>Meet with your ad</b> by your college.	viser to discuss t	heir course	es and to obtain	their Registration Access N	lumber (RAN), if require
C.		check for schedule	e conflicts.	Attempt to add	w the instructions and prom a course you need even if t	
D.	is not limited to, creat with the intent of rese	registration system ing and using an a erving space in tha	n is a privie lutomated   lt particular	program to sear section for ano	pe revoked if abuse is detect the for course openings and, ther student. The Office of t ke privileges for any type of	or enrolling in a sectio The Registrar, college
	This fee is not charged				completed by the end of the	
C	must be obtained in o	dean of the college rder to register aft with alternative co	e in which ter the third	they are register d day of classes tions in case the	ed. During the summer ses	ssion, these approvals
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3 CREDITS

WIGTON M

## **ACCOUNTING**

LEGAL ENVIRONMT BUS ACCT 215 3 CREDITS Prereq: SOPH CLASSIFICATION
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE 1 ARRANGED MEETS: MAY 17-JUNE 11 5277005 BOOTSMA M Note: Course delivery is WWW

FINANCIAL ACCOUNTNG

FINANCIAL ACCOUNTNG ACCT 284 3 CREDITS
Note: COURSE NOT OPEN TO GRADUATE STUDENTS WITHOUT
PERMISSION FROM 1200 GERDIN
1110700 1 ARRANGED CLEM A
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW

MANAGERIAL ACCOUNTG ACCT 285 3 CREDITS

SANDER K

WANAGERIAL ACCOUNTG ACCT 285 3 C
Prereq: ACCT 284
Note: COURSE NOT OPEN TO GRADUATE STUDENTS
1112700 1 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW
112705 2 MTWRF 9:50-11:50 WANG
MEETS: MAY 17-JUNE 11
Note: Course delivery is WHW WANG O Note: Course delivery is WWW

INTMD MANAGERL ACCT ACCT 383 3 CREDIT Prereq: ACCT 285 OR ACCT 501; AND ACCT 301 1117005 A1 MTWRF 12:10-2:10 FANG L MEETS: MAY 17-JUNE 11 Note: SEC A1 RESTRICTED TO ACCT UNDERGRAD MAJORS COUrse delivery is wWW 117010 A2 MTWRF 12:10-2:10 FANG L MEETS: MAY 17-JUNE 11 3 CREDITS

Note: SEC A2 RESTRICTED TO ACSCI, BU AN, BUS S, BUS U, BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM MAJORS

Course delivery is WWW INTMED ACCOUNTING I

INTMED ACCOUNTING I ACCT 386 3 CREDITS

Prereq: ACCT 284 AND ACCT 301

1118005 A1 MTWRF 9:50-11:50 WATANABE O

MEETS: JULY 12-AUG 6

Note: SEC A1 RESTRICTED TO ACCT UNDERGRAD MAJORS ONLY

Note: SEC AI RESTRICTED TO ACCT UNDERGRAD MAJORS UNLY
Course delivery is On-site instruction
1118010 A2 MTWRF 9:50-11:50 WATANABE O
MEETS: JULY 12-AUG 6
Note: SEC A2 RESTRICTED TO ACSCI, BU AN, BUS S, BUS U,
BUSEC, ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD
MAJORS Course delivery is On-site instruction

NDEPENDENT STUDY ACCT 490 1-3 CREDITS
Prereq: ACCT 285, SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: Department permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY

ACCT IN GLOBAL ECON ACCT 496 3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: COURSE REQUIRED MW 1-3:00PM ONLINE CONFERENCE

NOTE: COURSE REQUIRED MW 1-3.00FM ONLINE COMMETTING
COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS
(700 1 ARRANGED JEFFRE)
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW 9026700

O TO AUDITING ACCT 497 3 CREDITS
Prereq: ACCT 384, ACCT 387 AND STAT 326
Note: COURSE RESTRICTED TO ACCT UNDERGRAD MAJORS.
GRADUATE STUDENTS GO TO 1200 GERDIN FOR PERMISSION INTRO TO AUDITING

1126005 1 MTWRF 9:50-11:50 GUO F
MEETS: MAY 17-JUNE 11
Note: Course delivery is On-site instruction

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

ACCT IN GLOBAL ECON ACCT 596 3 CREDITS
Prereq: ACCT 386 OR ACCT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
COURSE REQUIRED MW 1-3:00PM ONLINE CONFERENCE

MEETING
2700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW JEFFREY C 2892700

CREATIVE COMPONENT ACCT 599 2 CREDITS Prereq: ADMISSION TO THE MASTER OF ACCT PROGR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

#### **ADVERTISING**

STRATEG PLAN AD&P.R ADVRT 301 Prereq: ADVRT 230 OR P R 220 4439700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW

PRO MDIA INTERN:REQ ADVRT 499A 3 CREDITS
Prereq: JL MC 110; FORMAL FACULTY ADVISR APPROVL;
ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303
P R MAJORS: P R 301 AND C+ OR BETTER IN P R 321
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION

Department permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADVRT 499B PRO MDIA INTERN:OPT PRO MDIA INTERN:OPT ADVRT 499B 1-3 CREDITS

Prereq: JL MC 110; FORMAL FACULTY ADVISR APPROVL;

ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301

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

P R MAJORS: P R 301 AND C+ OR BETTER IN PR 321

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

THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION

Department permission required.

Satisfactory-Fail Only.

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

#### AEROSPACE ENGINEERING

ND STU FLIGHT GRND AER E 290A 1- 2 CRE Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVI \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU FLIGHT GRND DEPT APPROVAL

IND STUDY IN-FLIGHT AER E 290B 1- 2 CREDITS Prereq: AER E 301, SOPHOMORE CLASSIFICTN, DEPT APPROVAL

SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY AER E 290C 1- 2 CREDITS
Prereq: SOPHOMORE CLASSIFICATION, DEPT APPROVAL
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

TND STIL A/GAS DYNAM AER E 490A 1- 6 CREDITS Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPRO\*
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY PROPULSION AER E 490B 6 CREDITS Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

IND STU AEROS STRUC AER E 490C 1-6 CREDITS

Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS

IND STU FLIGHT DYNA AER E 490D Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

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

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

IND STDY AEROELASTI AER E 490G 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AER E 490H 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
UNIV HONORS PROGRAM MEMBERSHIP
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY DESIGN AER E 4901 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU NONDESTR EV AER E 490J 1-6 CREI Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPRO \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS (CONTINUED)

ND STU WIND ENGINR AER E 490K 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU WIND ENGINE

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

IND STU INT SYS&AUT AER E 490M 1-6 CREDITS Prereq: JUNIOR OR SENIOR CLASSIFICATION; APPROVAL

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

NDEPENDENT STUDY AER E 4900 1-6 CREDITS
Prereq: JR/SR CLASSIFICATION, DEPARTMENT APPROVAL
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STILDY

SPL TOP AER DYNAMCS AER E 590A 1-5 CREI

SPCL TOP PROPULSION ULSION AER E 590B 1- 5 CRE SEE DEPT FOR REFERENCE NUMBERS

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

IT DYNA AER E 590D 1- 5 CREDITS SEE DEPT FOR REFERENCE NUMBERS SPL\_TOP\_FLIGHT\_DYNA

CR SYS AER E 590E 1-5 CREDITS SEE DEPT FOR REFERENCE NUMBERS SPL\_TOP\_SPACECR\_SYS

SPL TOP FLIGHT CONT HT CONT AER E 590F 1-5 CREI SEE DEPT FOR REFERENCE NUMBERS

OUS AER AER E 590H 1- 5 CRE SEE DEPT FOR REFERENCE NUMBERS SPL\_TOP\_VISCOUS\_AER 1- 5 CREDITS

DESIGN AER E 5901 1-5 CREDITS SEE DEPT FOR REFERENCE NUMBERS SPECL TOPICS DESIGN

AERODY AER E 590K 1- 5 CREDITS SEE DEPT FOR REFERENCE NUMBERS SPL\_TOP\_COMP AERODY

MIZATN AER E 590L 1- 5 CRE SEE DEPT FOR REFERENCE NUMBERS 5 CREDITS SPCL TOP OPTIMIZATN

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

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

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

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

ADV TOPC PROPULSION AER E 690B 1-5 CREI

ADV TOP AEROS STRUC S STRUC AER E 690C 1-5 CRE SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

ADV TOP COMP AERODY

AERODY AER E 690K 1- 5 CREI SEE DEPT FOR REFERENCE NUMBERS

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

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

ENGINEERG INTERNSHP AER E 697 R CREDIT Prereq: PERMISSION OF DOGE, GRADUATE CLASSIFICATN Satisfactory-Fail Only.
005 1 ARRANGED
MEETS: MAY 17-AUG 6 8131005

AER E 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESEARCH CREDITS

## **AFRICAN AND AFRICAN AMERICAN STUDIES**

INTRO AFRIC AMER ST AF AM 201

Note: Meets U.S. diversity reqmt
Instructor permission required 1st week.
8310700 1 ARRANGED
MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW
8310705 2 ARRANGED
MEETS: JUNE 14-JULY 9

Note: Course delivery is WWW 3 CREDITS BEGLEY L BURGASON K ETHNIC&RACE RELATNS AF AM 330

Prereq: SOC 130 OR SOC 134

Note: Meets U.S. diversity reqmt

8638700 1 ARRANGED

MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW 3 CREDITS KIISOW A SEM AFRIC AMER CULT AF AM 460
Note: Meets U.S. diversity regmt
Instructor permission required.
6688005 1 ARRANGED
MEETS: JUNE 14-AUG 6 3 CREDITS Note: Course delivery is WW

ENDENT STUDY AF AM 490 1-3 CREDI Prereq: 6 CR IN AF AM, PERMISSION OF INSTRUCTOR AND OF THE CHAIR OF THE AF AM STUDIES PROGRAM INDEPENDENT STUDY 1- 3 CREDITS Note: Instructor permission required. 8357005 1 ARRANGED MEETS: MAY 17-AUG 6

## AGRICULTURAL AND BIOSYSTEMS ENGINEERING

UMMER INTERNSHIP A B E 396 R CREDIT
Prereq: PERMISSION OF DEPT & ENGR CAREER SERVICES
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SUMMER INTERNSHIP

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

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

IND STU: FOOD ENGINE A B E 490F 1-5 CRE
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS CREDITS

EP STUDY HONORS A B E 490H 1-5 CREDITS
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS

IND STU LAND&WATR E A B E 490L 1- 5 CREI \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU ADV MACH SY A B E 490M 1-5 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP AG&BIOSY ENG A B E 590 1- 3 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ICS A B E 690 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP EERG INTERNSHP A B E 697 R CRED Prereq: PERMISSION OF DEPT CHAIR, GRAD CLASSIF Satisfactory-Fail Only. 1700005 1 ARRANGED MEETS: MAY 17-AUG 6

RESEARCH BIOSYS ENG A B E 699B VAR. CREI CREDITS

RES ENVIRONMTL SYST A B E 699E VAR. CREI
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

ENGR A B E 699F VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESEARCH FOOD ENGR CREDITS

RESRCH OCCUP SAFETY A B E 6990 VAR. CREI
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

N ENGR A B E 699P VAR. CREI SEE DEPT FOR REFERENCE NUMBERS RES PWR&MACHIN ENGR

SEARCH A B E 6990 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS STRUCTURES RESEARCH

RESRCH PROCESS ENGR S ENGR A B E 699R VAR. CREI SEE DEPT FOR REFERENCE NUMBERS 1ST SS 2021 31

AGRICULTURAL AND BIOSYSTEMS ENGINEERING (CONTINUED)

RES ENVIRON&NAT RES A B E 699S VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS VAR CREDITS

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

## AGRICULTURAL EDUCATION & STUDIES

FIELD EXP H.S. AGRI Prereq: AGEDS 110 7586005 1 ARRANGED AGEDS 211A 1 CREDIT DOBBELS N

MEETS: MAY 17-AUG 6

FIELD EXP AG INDUST AGEDS 211C 1 CREDIT Prereq: AGEDS 110 7603005 1 ARRANGED DOBBELS N MEETS: MAY 17-AUG 6

PRESENTN STRATEGIES 1272700 1 ARRANG NTN STRATEGIES AGEDS 311 3 CREDI 2700 1 ARRANGED SMITH S MEETS: MAY 17-JULY 9 Note: Course delivery is WWW Cmptr reqmt: www.agonline.iastate.edu/resources 3 CREDITS

/computer-requirements

LEADERSHIP IN AGRIC AGEDS 315 3 CREI 1273700 1 ARRANGED DOLLISSO MEETS: MAY 17-JULY 9

Note: Course delivery is WWW Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements DOLLISSO A

SURV AG&LIF SC COMM AGEDS 327 3 CREE

Prereq: ENGL 250 OR EQUIVALENT
9159700 1 ARRANGED HANSON V

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

Materials and equipment use fee \$25.00

Cmptr reqmt: https://www.agonline.iastate.edu 3 CREDITS HANSON V

/resources/computer-requirements

AG MECHAN APPLCATNS AGEDS 388 3 CRE 6067005 1 MWF 8:00-11:50 SANDERS MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction Materials and equipment use fee \$250.00 CREDITS SANDERS K

COOPERATIVE EDUCATN AGEDS 398 R CRED Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION 1356005 1 ARRANGED DOBBELS MEETS: MAY 17-AUG 6 R CREDIT DOBBELS N

INTERNSHIP IN AGEDS AGEDS 412 2-6 CREDITS
Prereq: JR CLASSIF IN AGEDS, INSTR PERMISSION
Note: Professional support fee \$50.00
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CURR FOR AG SCI EDU AGEDS 425X 1-6 CRI 0557700 1 ARRANGED SMALLES MEETS: JUNE 14-AUG 6

Note: SEC 1 CONTACT WENDY ORTMANN AT WORTMANN@IASTATE.EDU OR CALL 515-294-5872. 1- 6 CREDITS SMALLEY S

Department permission required. Course delivery is WWW

FARM MGMT&OPERATION AGEDS 450 3 CREDITS
Prereq: ECON 235, ECON 230, JUNIOR CLASSIFICATION
1386005 1 MWF 12:10-4:00 RINKER S
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction

Materials and equipment use fee \$150.00 IND STU PHIL, CURRIC AGEDS 490A 1-3 CREDITS

Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION

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

IND STU LDRSHP, EVAL AGEDS 490B 1- 3 CREDITS Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR

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

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

SEE DEPT FOR REFERENCE NUMBERS

AGRICULTURAL EDUCATION & STUDIES

PIO EATEN,INT'L AGEDS 490D 1-3 CREDITS
Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
NOTE: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR
GRADUATION
\*\*\* IND STU EXTEN, INT'L

(CONTINUED)

SEE DEPT FOR REFERENCE NUMBERS

IND STU INSTR TCHNL AGEDS 490E 1- 3 CREDITS Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SEE DEPT FOR REFERENCE NUMBERS

IND STDY ENTREPRENR AGEDS 490G 1- 3 CRED Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION 9089134 SR ARRANGED MEETS: MAY 17-AUG 6 AGEDS 490G 1- 3 CREDITS

INDEP STUDY HONORS AGEDS 490H 1-3 CREDITS

Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION,

MEMBERSHIP IN UNIV HONORS PROGRAM

Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS

ONLY. NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED

TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.

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

TU COMMUNICATN AGEDS 4901 1-3 CREDITS Prereq: JR/SR CLASSIFICATION, INSTR PERMISSION Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR TND STU COMMUNICATN GRADUATION

SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH AGEDS 499 VAR. CREDITS

Prereq: PERMISSION OF INSTRUCTOR, ADVISER, & DEPARTMENT CHAIR
Note: Instructor permission required 1st week.
8361005 1 ARRANGED
MEETS: MAY 17-AUG 6

L- 6 CREDITS SMALLEY S

CURR FOR AG SCI EDU AGEDS 525X 1-6 CRI 0558700 1 ARRANGED SMALLE MEETS: JUNE 14-AUG 6
Note: SEC 1 CONTACT WENDY ORTMANN AT WORTMANN@IASTATE.EDU OR CALL 515-294-5872. Department permission required. Course delivery is WWW

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

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

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

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

SPL TOPICS ADMINIST AGEDS 590E Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

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

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

SPL TOP INSTR TCHNL AGEDS 5901 1-3 CREI Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

PL TOP INTRNATL AG AGEDS 590K 1-3 CREI Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP INTRNATL AG 1- 3 CREDITS AGRICULTURAL EDUCATION & STUDIES

(CONTINUED)

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

METHODS WORKSHOP AGEDS 593B 1-3 CREDITS
Prereq: 12 CREDITS IN AGRICULTURAL EDUCATION
1318005 1 ARRANGED RETALLICK M
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction
Materials fee \$25.00
Tuition Category: Workshop METHODS WORKSHOP

CREATIVE COMPONENT PONENT AGEDS 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

PRO INTERNSHP AG ED AGEDS 617 1- 6 CREDITS Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AGEDS 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESEARCH

### **AGRONOMY**

INTR RENEW RESOURCS AGRON 120 1382700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS SKRYNNIKOVA L

INTRO WEATHER&CLIMT AGRON 206 1397700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS FLORY D

WORLD FOOD ISSUES AGRON 342 3 CREDIT Prereq: JUNIOR CLASSIFICATION Note: Meets international perspectives reqmt
1402700 1 ARRANGED ANDREWS S
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW
Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements 3 CREDITS

COOPERATIVE EDUCATN AGRON 398 R CREDIT
Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT'S
ADVISER; JUNIOR CLASSIFICATION
Satisfactory-Fail Only.

1411005 1 ARRANGED
MEETS: MAY 17-AUG 6

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

INDEP STUDY HONORS AGRON 490H 1-3 CREDITS
Prereq: JR/SR CLASSIF WITH AT LEAST 8 CR IN AGRON
INSTRUCTOR PERMISN IN SPECIALTY AREA AFTER CONSULTATN
MEMBERSHIP IN THE HONORS PROGRAM
Note: RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.
NO MORE THAN 4 CREDITS OF AGRON 490 MAY BE APPLIED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP AGRON 491 1-2 CREDITS

Prereq: AGRON 338, ADVANCED APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021
Instructor permission required.

9369005 1 ARRANGED
MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN AGRON 498 R CREDIT
Prereq: PERMISSION OF FACULTY MEMBER OR STUDENT'S
ADVISER; SENIOR CLASSIFICATION
Satisfactory-Fail Only.

1416005 1 ARRANGED
MEETS: MAY 17-AUG 6

CROP PROTECTION AGRON 533 3 CREDITS

CROP PROTECTION AGRON 533 3 CREDIT Prereq: AGRON 514
2029700 1 ARRANGED PILCHER C MEETS: MAY 17-AUG 6
Note: SEC 1 RESTRICTED TO MS AGRON GRAD STUDENTS OR TO ADD CONTACT MSAGRON@IASTATE.EDU OR 515-294-2999
Course delivery is WWW

SEED&VARIET TEST&TC AGRON 534 2 CREDITS

Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS

MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR

B154700 1 ARRANGED

MEETS: JUNE 28-AUG 6

Note: SEC 1 RESTRICTED TO STB MAJORS. OTHERS

CONTACT SEEDGRAD@IASTATE.EDU

COURSE delivery is WMW

Course delivery is WWW

(CONTINUED) AGRONOMY

SEED PRODUCTION AGRON 547 2 CREDITS
Prereq: ADMISSION TO SEED TECHNOLOGY AND BUSINESS
MASTER'S DEGREE PROGRAM OR APPROVAL OF THE INSTRUCTOR
785270 1 ARRANGED DORNBOS D
MEETS: MAY 17-JUNE 25
Note: SEC 1 RESTRICTED TO STB GRADS ONLY.
OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW

PL SCI XTNSN&OUTRCH AGRON 581X 1 CRE 0856005 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction

SPECIAL TOPICS AGRON 590 VAR. CREI Prereq: 15 CREDITS IN AGRONOMY \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS

AGRON M.S. PRACTICM AGRON 594 1 CREDIT
Prereq: CREDIT OR ENROLLMT IN AGRON 501,
AGRON 502, AGRON 503, AGRON 514 OR AGRON 511,
AGRON 512, AGRON 513 RECOMMENDED.

5803700 2 ARRANGED LICHT M
MEETS: JULY 13-17
Note: SEC 2 PERMISSION TO ENROLL; CONTACT BRENDA KUTZ
IN AGRONOMY AT MSAGRON®IASTATE.EDU OR 515-294-2999

Department permission required. Course delivery is WWW

CR COMP AG METEOROL AGRON 599A VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CR COMP CROP PRD&PH AGRON 599B VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1473005 1 ARRANGED
MEETS: MAY 17-AUG 6 CR COMP CROP PRD&PH

CR COMP PLNT BREEDG AGRON 599C VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1474700 1 ARRANGED
MEETS: MAY 17-AUG 6 CR COMP PLNT BREEDG

Note: Course delivery is WWW 1474010 AN ARRANGED 1474010 AN ARRANGED
MEETS: MAY 17-AUG 6
MEETS: MAY 17-AUG 6
MEETS: MAY 17-AUG 6 CZ ARRANGED 1474075

BHATTACHARYYA M CIANZIO S

манама а

SINGH A

BEAVIS W

SALAS-FERNANDEZ

MEETS: MAY 17-AUG 6

LUBBERSTEDT T

MEETS: MAY 17-AUG 6
1474222 SI ARRANGED
MEETS: MAY 17-AUG 6
1474262 TL ARRANGED
MEETS: MAY 17-AUG 6
1474288 WB ARRANGED 1474301 WS ARRANGED
MEETS: MAY 17-AUG 6
MEETS: MAY 17-AUG 6

SIIZA W

CRTV COMP SOIL CHEM AGRON 599D VAR. CREDITS Prereq: NONTHESIS M.S. OPTION ONLY
1475005 1 ARRANGED
MEETS: MAY 17-AUG 6

CR COMP SOIL FERTIL AGRON 599E VAR. CREDITS Prereq: NONTHESIS M.S. OPTION ONLY 1476005 1 ARRANGED MEETS: MAY 17-AUG 6

CRTV COMPN SOIL MGT AGRON 599F VAR. CREDITS Prereq: NONTHESIS M.S. OPTION ONLY 1477005 1 ARRANGED MEETS: MAY 17-AUG 6

CR COMP SOIL MICROB AGRON 599G VAR. CREDITS Prereq: NONTHESIS M.S. OPTION ONLY 1478005 1 ARRANGED MEETS: MAY 17-AUG 6

CR COMP SOIL MORPHO AGRON 599H VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1479005 1 ARRANGED
MEETS: MAY 17-AUG 6 CR COMP SOIL MORPHO

CR COMP SOIL PHYSCS AGRON 5991 VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
1480005 1 ARRANGED
MEETS: MAY 17-AUG 6 CR COMP SOIL PHYSCS

CREATV COMPON AGRON AGRON 599M VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AGRONOMY (CONTINUED)

AGRON TCHNG PRACTCM AGRON 698 1-2 CRE
Prereq: GRADUATE CLASSIFICATION IN AGRON AND
PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 2 CREDITS

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

D&PHYSL AGRON 699B VAR. CREDITS SEE DEPT FOR REFERENCE NUMBERS RES CROP PROD&PHYSL

RES PLANT BREEDING EDING AGRON 699C VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

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

RESRCH SOIL FERTILI AGRON 699E VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS CREDITS

MGMT AGRON 699F VAR. CRESEE DEPT FOR REFERENCE NUMBERS RESEARCH SOIL MGMT CREDITS

OBIOL AGRON 699G VAR. CRESEE DEPT FOR REFERENCE NUMBERS CREDITS RES SOIL MICROBIOL

MORPHOL AGRON 699H VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESRCH SOIL MORPHOL

PHYSICS AGRON 6991 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESRCH SOIL PHYSICS

SIOLGY AGRON 699J VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RES PLANT PHYSIOLGY CREDITS

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

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

#### AMERICAN INDIAN STUDIES

NATV PEOPL AM CULTR AM TN 201 3 CREDITS Note: Meets U.S. diversity regmt
0181005 1 ARRANGED
MEETS: JUNE 28-AUG 6

Note: Course delivery is WWW

AMER INDIANS MOVIES AM IN 205 3 CERUITS MMER INDIANS MOVIES AM IN 205 3 CRE
Note: Meets U.S. diversity reqmt
2010005 1 MW 8:50-11:40
TR 9:00-11:50
MEETS: MAY 17-JUNE 11
Note: Course delivery is On-site instruction

INTR AM INDIAN STDI AM IN 210 3 CREDITS Note: Meets U.S. diversity reqmt

1506700 1 ARRANGED

MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW

INDEPENDENT STUDY AM IN 490 VAR. CREDITS
Prereq: 6 CR IN AM IN STUDIES, PERMISSION
OF INSTRUCTOR AND PROGRAM DIRECTOR
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER
2021. NO MORE THAN 6 CREDITS OF AM IN 490 MAY BE
APPLIED TOWARD GRADUATION. IF MORE THAN 3 CREDITS IN
AM IN 490 ARE TAKEN, THEY MUST BE FROM DIFFERENT
INSTRUCTORS.

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

#### AMERICAN SIGN LANGUAGE

AMER SIGN LANGUAG I ASL 101 4 CREDITS

Note: Meets U.S. diversity reqmt

9364005 1 W 9:55-10:45, ARRANGED

MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW
Materials and equipment use fee \$25.00

9364010 2 ARRANGED

MEETS: MAY 17-JUNE 25

Note: SEC 2 STUDENTS WILL BE REQUIRED TO MEET WITH

PROFESSOR VIA ZOOM 2-3 TIMES DURING THE DURATION OF
THE COURSE

Course delivery is WWW

Course delivery is WWW Materials and equipment use fee \$25.00

4 CREDITS

AMER SIGN LANGUA II ASL 102
Prereq: ASL 101 OR ASL 105
Note: Meets U.S. diversity regmt
9367005 1 W 9:55-10:45, ARRANGED
MEETS: JUNE 14-JULY 9

Note: Course delivery is WWW
Materials and equipment use fee \$25.00
9367010 2 ARRANGED
MEETS: JUNE 28-AUG 6
Note: SEC 2 STUDENTS WILL BE REQUIRED TO MEET WITH
PROFESSOR VIA ZOOM 2-3 TIMES DURING THE DURATION OF THE COURSE Course delivery is WWW

Materials and equipment use fee \$25.00

#### ANIMAL ECOLOGY

WILDLIFE POPUL METH A ECL 372X 4 CREDITS

WILDLIFE POPUL METH A ECL 372X 4 CREDITS
Prereq: BIOL 312 OR NREM 311

0937005 1 ARRANGED RENTZ M
MEETS: JULY 3-25

Note: SEC 1 WILDLIFE POPULATION METHODS TAUGHT AT THE
NREM FRENCH CONSERVATION CAMP N MONTANA.
TRANSPORTATION (FROM AMES), ROOM AND BOARD ARE
INCLUDED IN HE \$1300 SPECIAL COURSE FEE. TUITION

Course delivery is On-site instruction
Materials, field trips &/or travel fee \$1,300.00

ENTOMOLOGY FIELD TR A ECL 435X 2 CREDITS 0540005 1 ARRANGED COURTNEY G MEETS: JUNE 20-JULY 3

Note: SEC 1 ENTOMOLOGY FIELD TRIP. SPECIAL COURSE FEE \$900 INCLUDES: ROUND-TRIP TRANSPORTATION FROM AMES TO NREM FRENCH CONSERVATION CAMP IN MONTANA, ROOM & BOARD. TUITION IS EXTRA.

Course delivery is On-site instruction

Equipment use and field trips & travel fee \$900.00

CREATIVE COMPONENT A ECL 599 VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CEACHING PRACTICUM A ECL 698 1-3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN ANIMAL ECOLOGY
AND PERMISSION OF INSTRUCTOR
SACTISFACTORY-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS TEACHING PRACTICUM 1- 3 CREDITS

A ECL 699 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS

### ANIMAL SCIENCE

AN S 320 ANIML FEEDS&FEEDING 3 CREDITS Prereq: AN S 319
1635700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW MORRIS C

GENET IMPRV DOM ANI AN S 352 3 CREDI Prereq: ONE COURSE IN STATISTICS, BIOL 211/201, COURSE IN GENETICS
1534700 1 ARRANGED BUNDY J
MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW

FARROWING MANAGMENT

FARROWING MANAGMENT AN S 380D 1 CREDIT
Prereq: AN S 225, OR AN S 280 AND AN S 280L
7361700 G ARRANGED
METS: JUNE 7-JULY 30
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL. CA
SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478
Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Co-CASEY

ANIM SCI INTERNSHIP AN S 399A 2- 6 CREDITS Prereq: PERMISSION OF THE INSTRUCTOR
1538005 1 ARRANGED
MEETS: MAY 17-AUG 6

SUPERV'D INTERNSHIP AN S 399B R CREDIT Prereq: PERMISSION OF INTERNSHIP COORDINATOR
2258005 1 ARRANGED

MEETS: MAY 17-AUG 6

IND STDY ANIMAL SCI AN S 490A 1- 3 CREDITS ND STDY ANIMAL SCI AN S 490A 1- 3 CREDI Prereq: PERMISSION OF THE INSTRUCTOR Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

GRADUATION
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY MEAT SCI AN S 490C 1-3 CREDI Prereq: PERMISSION OF THE INSTRUCTOR NOTE: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR 1- 3 CREDITS GRADUATION

SEE DEPT FOR REFERENCE NUMBERS

ANIMAL SCIENCE (CONTINUED)

TU CMPANION AN AN S 490D 1-3 CREDI
Prereq: PERMISSION OF THE INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR
GRADUATION
\*\*\* IND STU CMPANION AN 1- 3 CREDITS

SEE DEPT FOR REFERENCE NUMBERS

IND STU POULTRY SCI AN S 490G 1- 3 CREDITS Prereq: PERMISSION OF THE INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION

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SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS AN S 490H 1-3 CREDITS Prereq: PERMISSION OF THE INSTRUCTOR, MEMBERSHIP

IN THE HONORS PROGRAM

NOTE: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
ONLY. NO MORE THAN 6 CREDITS OF AN S 490 MAY BE
APPLIED TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION.

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

AG DOMESTIC TRAVEL AN S 496B VAR. CREDITS
Prereq: INSTRUCTOR PERMISSION, 30 COLLEGE CREDITS
Note: Department permission required.

1877005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC 1 TRAVEL TO NE, CO, WY, MT. OFFERED FOR 2
CREDITS SUMMER 2021.

TEACHNG EXPRNC AN S AN S 497 1- 2 CREDITS Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF AN S 497 MAY BE APPLIED TOWARD GRADUATION

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

SPL TOP AN BREEDING AN S 590A 1- 3 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP ANIMAL NUTR AN S 590B 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PL TOP MEAT AN PRO AN S 590C 1- 3 CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP MEAT AN PRO 1- 3 CREDITS

SPL TOPICS MEAT SCI AN S 590E 1- 3 CRE
Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SPL TOP PHYS REPROD AN S 590F 1- 3 CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP PHYS REPROD

SPI, TOP MUSCLE BIOL AN S 590G 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PROF TOPICS AN S 590K 1- 3 CRED Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS TEACHING AN S 590L 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS ETHOLOGY AN S 590N 1-3 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP AN BREEDG AN S 599A 1- 8 CREPT Prereq: NONTHESIS M.S. STATUS
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CRTV COMP ANI NUTRI AN S 599B 1- 8 CRED Prereq: NONTHESIS M.S. STATUS SEE DEPT FOR REFERENCE NUMBERS 1- 8 CREDITS

CRTV CMP AN PHYSIOL AN S 599C 1- 8 CRED Prereq: NONTHESIS M.S. STATUS SEE DEPT FOR REFERENCE NUMBERS 1- 8 CREDITS

CRTV COMPO ANIM SCI AN S 599D 1-8 CREI Prereq: NONTHESIS M.S. STATUS
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 8 CREDITS

CRTV COMPO MEAT SCI AN S 599E 1- 8 CREDITS Prereq: NONTHESIS M.S. STATUS
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ANIMAL SCIENCE (CONTINUED)

ANIMAL NUTRI RESRCH RESRCH AN S 699B VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREDITS

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

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

MEAT SCIEN RESEARCH AN S 699E VAR. CREI
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

REPROD PHYSOL RSRCH RSRCH AN S 699F VAR. CREI SEE DEPT FOR REFERENCE NUMBERS MUSCLE BIOLGY RSRCH

RSRCH AN S 699G VAR. CREI SEE DEPT FOR REFERENCE NUMBERS

POULTRY NUTRI RSRCH AN S 699H VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

ANIM ETHOLOGY RSRCH AN S 699J VAR. CREDITS
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2021
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## ANTHROPOLOGY

INTRO CULTURL ANTHR ANTHR 201 3 CREDITS Note: Meets international perspectives reqmt
1615005 1 ARRANGED
MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW

INTR BIOL AN&ARCHEO ANTHR 202 3 CREDITS 1616700

BIOL AN&ARCHEO ANTHR 202 1700 1 ARRANGED MEETS: JULY 12-AUG 6 Note: Course delivery is WWW 1705 2 ARRANGED MEETS: JUNE 14-JULY 9 Note: Course delivery is WWW

1616705

GLOBALZAT&HUMN COND ANTHR 230 Note: Meets international perspectives reqmt
7017700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

ANTHR 309 INTRO CULTUR&LANGUA 3 CREDITS Prereg: ANTHR 201 RECOMMENDED
Note: Meets international perspectives reqmt
1700 1 ARRANGED
MEETS: JULY 12-AUG 6 1620700

Note: Course delivery is WWW

INTERNSHIP ARCHAEOL ANTHR 434A 2- 6 CREDITS ENTERNSHIP ARCHAEOL ANTHR 434A 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only.

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

INTERNSHIP CULTRL A ANTHR 434B 2-6 CREDITS

Prereq: JUNIOR OR SENIOR STANDING

Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE

MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434

MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS

FOR THE MAJOR OR FOR THE ANTHR MINOR.

Satisfactory-Fail Only.

\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP BIOLOGC A ANTHR 434C INTERNSHP BIOLOGC A ANTHR 434C 2-6 CREDITS

Prereq: JUNIOR OR SENIOR STANDING

Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE

MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434

MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS

FOR THE MAJOR OR FOR THE ANTHR MINOR. OFFERED FOR

3 CREDITS SUMMER 2021.

Satisfactory-Fail Only.

\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

INTERNSHP LINGUIS A ANTHR 434D 2-6 CREDITS
Prereq: JUNIOR OR SENIOR STANDING
Note: NO MORE THAN 6 CREDITS OF INTERNSHIP EXPERIENCE
MAY COUNT TOWARDS THE MAJOR. NO CREDIT IN ANTHR 434
MAY BE USED TO SATISFY ANTHR CORE COURSE REQUIREMENTS
FOR THE MAJOR OR FOR THE ANTHR MINOR.
Satisfactory-Fail Only.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRACTICM BIOLOGCL A ANTHR 451C 1- 3 CREI Prereq: ANTHR 201 OR ANTHR 202 OR ANTHR 308 Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

(CONTINUED)

ANTHROPOLOGY (CONTINUED) INDEP STDY ARCHAEOL ANTHR 490A 1- 5 CREDITS Prereq: 9 CREDITS IN ANTHROPOLOGY Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
\*\* SEE DEPT FOR REFERENCE NUMBERS PIU CULTR ANTHR ANTHR 490B 1- 5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
NOTE: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION
Instructor permission IND STU CULTR ANTHR Instructor permission required 1st week.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU BIOL ANTHRO ANTHR 490C 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY
Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION Instructor permission required 1st week.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STDY LING ANTHR ANTHR 490D 1-5 CREDIT Prereq: 9 CREDITS IN ANTHROPOLOGY Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION Instructor permission required 1st week.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ANTHR 490D 1- 5 CREDITS INDEP STUDY HONORS ANTHR 490H 1-5 CREDITS
Prereq: 9 CREDITS IN ANTHROPOLOGY, MEMBERSHIP IN
THE HONORS PROGRAM
NOTE: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE
APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO
HONORS PROGRAM STUDENTS ONLY.
Instructor permission required 1st week.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ANTHR 490H 1- 5 CREDITS UG INDEP STDY IA LL ANTHR 4901 1- 4 CREDIT Prereq: JUNIOR OR SENIOR CLASSIFICATION AND PERMISSION OF INSTRUCTOR Note: NO MORE THAN 9 CREDITS OF ANTHR 490 MAY BE APPLIED TOWARD GRADUATION 1- 4 CREDITS Permission of Lakeside Lab Office required http://www.continuetolearn.uiowa.edu/lakesidelab INDEPNDNT STDY ANTHR 590 1-4 CREDIT Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN Note: Instructor permission required 1st week.

\*\*\* SEE DEPT FOR REFERENCE NUMBERS GRAD INDEPNDNT STDY ANTHR 699 Note: Instructor permission required 1st week
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS **APPAREL, EVENTS & HOSPITALITY MGMT** SUPV WRK EXP I:HSPY AESHM 170D WAR EAFT INSTEAD ABSTON REQUIRED
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
GRADUATION Instructor permission required.
Satisfactory-Fail Only.
1107005 1 ARRANGED
MEETS: MAY 17-AUG 6 SUPV WRK EXP I:EVNT AESHM 170F 1 CREDIT WAR EAF 1-EVNT ABSHM 1/OF 1 CREDIT Prereg: ADVISER PERMISSION REQUIRED NOTE: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
Satisfactory-Fail Only.
1113005 1 ARRANGED
MEETS: MAY 17-AUG 6 SPV WRK EXP I:APPAR AESHM 170N 1 CREDIT
Prereq: ADVISER PERMISSION REQUIRED; FRESHMAN
CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
Satisfactory-Fail Only.
1125005 1 ARRANGED
MEETS: MAY 17-AUG 6 SUP WRK EXP II:HSPY AESHM 270D 1-2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M, CREDITS
IN AESHM 170, MINIMUM 2.0 GPA, ADVISER PERMISSION
REQUIRED, SOPHOMORE CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
GRADUATION
GRADUATION
OF THE PROPRIES OF MORE AND ACCURATE OF THE PROPRIES OF MORE AND ACCURATE OF MORE AND ACCURAT Instructor permission required.

1132005 1 ARRANGED

MEETS: MAY 17-AUG 6

RK EXP II:EVNT AESHM 270F 1- 2 CREDITS
Prereq: 6 CREDITS IN AESHM OR HSP M OR EVENT;
MINIMUM 2.0 GPA; ADVISER PERMISSION REQ'D; EMPLOYER
LOCATION SHOULD BE DIFFERENT THAN EMPLOYER LOCATION
USED FOR AESHM 170 AND AESHM 470
NOTE: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170,
ABSUM 270 AND AESHM 470 MAY BE ADDILLED TOWARD. SUP WRK EXP II:EVNT 1203005 1 ARRANGED
MEETS: MAY 17-AUG 6 SUP WRK EXP II:APPA AESHM 270N 1-2 CREDITS
Prereq: MINIMUM 2.0 GPA; ADVISER PERMISSION
REQUIRED; SOPHOMORE A M D CLASSIFICATION
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170, AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD GRADUATION Instructor permission required.
1270005 1 ARRANGED
MEETS: MAY 17-AUG 6 HSPTY&APPARL MARKTG AESHM 340 Prereq: ECON 101
2921005 1 ARRANGED
MEETS: JUNE 21-JULY 16 Note: Course delivery is WWW AESTHTCS CNSMR EXPC AESHM 342 3 CREDITS ITCS CNSMR EXPC AESHM 342
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW SADTLER G EVNT&RETAIL RSK MGT AESHM 365X 0908005 1 ARRANGED MEETS: MAY 17-JUNE 25 Note: Course delivery is WWW 3 CREDITS COOPERATIVE EDUCATN AESHM 398 R CREDI
Prereq: PERMISSION OF ADVISER; JR CLASSIFICATN
1002020 D ARRANGED JENKINS F
MEETS: MAY 17-AUG 6
Note: SEC D IS FOR HSP M MAJORS ONLY
Instructor permission required.
1002030 F ARRANGED JENKINS F
MEETS: MAY 17-AUG 6
Note: SEC F IS FOR EVENT MAJORS ONLY
Instructor permission required.
1002055 N ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC N IS FOR A M D MAJORS ONLY
Department permission required. COOPERATIVE EDUCATN R CREDIT JENKINS B JENKINS B AESHM 470F INTERNSHP EVENT MGT 3- 6 CREDITS Prereq: PERMISSION BY APPLICATION; JUNIOR CLASSIFICATION Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
GRADUATION
\*\*\*\*\*\*
SEE DEDT FOD PEFEDENCE NUMBERS SEE DEPT FOR REFERENCE NUMBERS INTERNSHIP APPAREL AESHM 470N 3-6 CREDITS

Prereq: AESHM 311, 9 CREDITS IN A M D, MINIMUM
2.0 GPA; PERMISSION BY APPLICATION; JUNIOR OR SENIOR
CLASSIFICATION; EMPLOYER/LOCATION SHOULD BE DIFFERENT
THAN EMPLOYER/LOCATION USED FOR AESHM 170 AND 270
Note: NO MORE THAN 12 CREDITS TOTAL FROM AESHM 170,
AESHM 270, AND AESHM 470 MAY BE APPLIED TOWARD
GRADUATION

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY: HONORS AESHM 490H 2- 4 CREE Prereq: PERMISSION OF INSTRUCTOR Satisfactory-Fail Only. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 2- 4 CREDITS INTR SCHOLARLY RSCH AESHM 501X 1 CREDIT Satisfactory-Fail Only.
0695005 1 ARRANGED
MEETS: MAY 17-JULY 17 FIORE A RSCH MTHDS IN AESHM AESHM 502X 3 CI
Prereq: ENROLLED IN GRADUATE PROGRAM
0468005 1 F 9:50-11:50 LEE S
ARRANGED
ARRANGED RSCH MTHDS IN AESHM 3 CREDITS MEETS: MAY 17-JUNE 6
Note: Course delivery is WWW QNTV RSEARCH METHDS AESHM 510 3 CREDITS
Prereq: STAT 401 OR EQUIVALENT; INSTRUCTOR
PERMISSION; GRAD CLASSIFICATN IN AN AESHM DEPT MAJOR
1494005 1 M 8:50-10:20 JEONG E ARRANGED
MEETS: JUNE 28-JULY 23
Note: Course delivery is WWW

APPAREL, EVENTS & HOSPITALITY MGMT

1ST SS 2021 36

1ST SS 2021 APPAREL, EVENTS & HOSPITALITY MGMT (CONTINUED) PRACTCM APPAR MCHDS AESHM 570A 1-3 CREDITS
Prereq: 6 GRAD CREDITS IN PROGRAM AREA;
INSTRUCTOR PERMISSION
6660005 1 ARRANGED
MEETS: MAY 17-AUG 6 PRACTCM HSPTLTY MGT AESHM 570B 1-Prereq: 6 GRAD CREDITS IN PROGRAM AREA; 1- 3 CREDITS INSTRUCTOR PERMISSION
1509005 1 ARRANGED
MEETS: MAY 17-AUG 6 Note: Instructor permission required. DATA ANLYT A&E&H MG AESHM 579X 3 CREDIT Prereq: STAT 587 OR EQUIVALENT (AESHM 510, HD FS 3 CREDITS 503) 9005 1 ARRANGED MEETS: JUNE 7-JULY 2 Note: Course delivery is WWW 0709005 TCHG PRACTCM APPARL AESHM 670A 1- 3 CREDITS Prereq: 6 GRADUATE CREDITS IN PROGRAM AREA;
PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CHG PRCTCM HSPTLTY AESHM 670B 1- 3 CRE Prereg: 6 GRADUATE CREDITS IN PROGRAM AREA; PERMISSION OF INSTRUCTOR \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS TCHG PRCTCM HSPTLTY APPAREL, MERCHANDISING, AND DESIGN DRESS&DIVRSTY SOCIE A M D 165
Note: Meets U.S. diversity reqmt
6603005 1 ARRANGED
MEETS: MAY 17-JUNE 11 REDDY-BEST K Note: Course delivery is WWW CULTUR PERSPC DRESS A M D 362 3 CRED:
Prereq: A M D 165 OR 3 CREDITS IN ANTHR, PSYCH,
OR SOC OR SOC Note: Meets international perspectives reqmt NOS 1 ARRANGED MCCRACKEN A 6622005 1 ARRANGED
MEETS: JULY 12-AUG 6
Note: Course delivery is WWW IND STU TXTL&AP DSN A M D 490C VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE
INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
Materials fee \$25.00-\$50.00

\*\*\*\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS IND ST ENTREPRENEUR A M D 490E VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE
INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND ST ENTREPRENEUR IND STU PSY OF DRSS A M D 490F VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE
INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS A M D 490H VAR. CREDITS
Prereq: 6 CR IN A M D; PERMISSION OF THE
INSTRUCTOR, ADVISER AND DEPARTMENT CHAIR.
MEMBERSHIP IN THE UNIVERSITY HONORS PROGRAM.
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
A M D 490 MAY BE APPLIED TOWARD GRADUATION. COURSE
RESTRICTED TO UNIVERSITY HONORS PROGRAM MEMBERS ONLY.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS IND STDY:PROD DEVEL A M D 490J VAR. CREDITS
Prereq: 6 CREDITS IN A M D. PERMISSION OF
THE INSTRUCTOR, ADVISER, AND DEPARTMENT CHAIR.
Note: NO MORE THAN 9 CREDITS TOTAL OF A M D 290 AND
A M D 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STDY: PROD DEVEL

UNDERGRAD RESEARCH A M D 499 1- 3 CREDITS
Prereq: SENIOR CLASSIFICATN; 15 CREDITS IN A M D;
PERMISSION OF INSTRUCTOR, ADVISER, & DEPT CHAIR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

APPAREL, MERCHANDISING, AND DESIGN (CONTINUED) SUSTNBLTY: THEOR&APP A M D 565 3 CREDITS
Prereq: 3 CR IN RESEARCH METHODS; BASIC
KNOWLEDGE OF APPAREL INDUSTRY AND PRODUCT
DEVELOPMENT; PERMISSION OF INSTRUCTOR
1853005 1 MTWRF 9:00-5:00 EIKE R ARRANGED EIKE R
MEETS: JUNE 14-JULY 9

Note: SEC 1 SNCHRONOUS INSTRUCTION JUNE 21-25 Course delivery is WWW PL TOP TEXTILE SCI A M D 590A VAR. CREI Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, ADVISER, AND INSTRUCTOR(S) \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP TEXTILE SCI PL TOP TXTL&AP DSN A M D 590C VAR. CREI Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, ADVISER, AND INSTRUCTOR(S) \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP TXTL&AP DSN PL TP MCHDS,ENTREP A M D 590E VAR. CREI Prereq: PERMISSION OF DIRECTOR OF EDUCATION EDUCATION, ADVISER, AND INSTRUCTOR(S) \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TP MCHDS, ENTREP PL TOP SOC-PSY ASP A M D 590F VAR. CREI Prereq: PERMISSION OF DIRECTOR OF EDUCATION EDUCATION, ADVISER, AND INSTRUCTOR(S) \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP SOC-PSY ASP SPL TOPC PROD DEVEL D DEVEL A M D 590J VAR. CREI SEE DEPT FOR REFERENCE NUMBERS REATIVE COMPONENT A M D 599 VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN A M D
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT SOC SCI THRY APPEAR A M D 665 3 CREDITS

Prereq: 6 CREDITS IN SOCIOLOGY OR PSYCHOLOGY
6659005 1 MTWRF 9:00-5:00 REDDY-BEST K
ARRANGED
MEETS: MAY 17-JULY 16

Note: SEC 1 SYNCHRONOUS INSTRUCTION JUNE 14-18
Course delivery is WWW DVANCED TOPICS A M D 690 VAR. CREDIT Prereq: ENROLLMENT IN DOCTORAL PROGRAM, PERMISSN OF INSTRUCTOR, AND APPROVAL OF D.O.G.E. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ADVANCED TOPICS CREDITS A M D 699 VAR. CRES RESEARCH ARABIC INDEPENDENT STUDY ARABC 490 1-6 Prereq: 6 CREDITS IN ARABC, PERMISSION OF 1- 6 CREDITS DEPARTMENT CHAIR

Note: NO MORE THAN 6 CREDITS IN ARABC 490 MAY BE
APPLIED TOWARD GRADUATION

Materials and equipment use fee \$25.00

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ARCHITECTURE TDY DSN COMMUN ARCH 490A 1- 9 CREDITS Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM IND STDY DSN COMMUN 9 CREDITS Note: Department partment permission required.
SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY DESIGN ARCH 490B 1-9 CREDITS

Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STDY TECHN SYST ARCH 490C 1-9 CREDITS

Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STUDY ARCH HIST ARCH 490D 1-9 CREDITS

Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.

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

Prereq: APPROVL OF INSTR & DEPT CHAIR ON REQ FORM
Note: Department permission required.

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

ARCHITECTURE (CONTINUED) ASTRONOMY & ASTROPHYSICS

NDEP STUDY HONORS ARCH 490H 1- 9 CREDITS
Prereq: APPROVAL OF INSTR & DEPT CHAIR ON
REQUIRED FORM. MEMBERSHIP IN THE HONORS PROGRAM.
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Department permission required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS

ARC DSIGN&MEDIA III ARCH 507 5 CREDIT Prereq: ARCH 506, ARCH 546, ARCH 546L, ARCH 596; CONCURRENT ENROLLMENT IN ARCH 581

1300005 1 T 8:50-12:50 DOYLE S MWF 8:50-12:50 DOYLE S MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction Materials fee \$100.00

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

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

RESEARCH 1- 9 CREDITS ARCH 699 1- 9 CRE SEE DEPT FOR REFERENCE NUMBERS

#### ART HISTORY

AMERICN ART TO 1945 ART H 386
Note: Meets U.S. diversity reqmt
1734005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: SEC 1 TOPIC: AMERICAN ART TO 1945 3 CREDITS

Course delivery is WWW

MUSEUM/GLLRY INTERN ART H 497 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF SUPERVISING
INSTRUCTOR ON REQUIRED FORM IN ADVANCE OF SEMESTER
OF ENROLLMENT

Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MUSEUM/GLLRY INTERN ART H 586 1-6 CREDI Prereq: GRAD CLASSIFICATION AND PERMISSION OF INSTRUCTOR. WRITTEN APPROVAL IN ADVANCE OF SEMESTER OF ENROLLMENT.

Satisfactory-Fail Only.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS

SPECIAL TOPICS ART H 590 VAR. CREDITS
Prereq: GRADUATE CLASSIFICATION; WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
IN ADVANCE OF SEMESTER OF ENROLLMENT.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

#### ASTRONOMY & ASTROPHYSICS

NORTH STAR ASTRONMY ASTRO 102 1 CREDIT

Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT

IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION

8059005 1 ARRANGED

MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW

EVENING STAR ASTRO 103 NOTION STAR ASTRO 103 1 CREDIT
NOTE: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

SKY & SOLAR SYSTEM ASTRO 120 3 CREDITS
Note: STUDENTS WHO TAKE ASTRO 120 MAY APPLY CREDIT
IN ONLY ONE OF ASTRO 102 OR 103 TOWARD GRADUATION
1951005 1 MTWF 11:00-12:00
R 11:00-12:00
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

INDEPENDENT STUDY 1- 4 CREDITS Prereq: PERMISSION OF INSTRUCTOR

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

UNDERGRAD RESEARCH ASTRO 450 1- 6 CREDITS Prereq: PERMISSION OF INSTRUCTOR

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

NDERGRAD RESEARCH ASTRO 450L 1-6 CRE Prereq: ASTRO 344L AND PERMISSION OF INSTRUCT \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS UNDERGRAD RESEARCH INSTRUCTOR (CONTINUED)

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

SPECIAL TOPICS ASTRO 590 VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

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

ASTRO 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREDITS

### ATHLETIC TRAINING

BRACE, WRAP, TAPE TEC A TR 501 1 CREDIT Prereq: ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM 0373005 1 TR 11:00-12:50 O'MARA D MEETS: MAY 17-JUNE 25

Note: Course delivery is On-site instruction Materials fee \$125.00

EMERGENCY CARE PROC A TR 502 3 CREDITS
Prereq: ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM
0372005 1 MTWR 9:00-10:40 PEEL S
ARRANGED
MEETS: MAY 17-JULY 2
Note: Course delivery is On-site instruction
Materials fee \$25.00 EMERGENCY CARE PROC

CLINICAL EDUCATN I A TR 509 2 CREDITS
Prereq: ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM
Satisfactory-Fail Only.

0374005 1 ARRANGED PEEL S
MEETS: MAY 17-JUNE 25
Note: Professional support fee \$110.00 CLINICAL EDUCATN I 2 CREDITS

EVID-BASED PRACTICE A TR 515 2 CREDITS
Prereq: A TR 522X, A TR 545X, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
0360005 1 ARRANGED MILLER V
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

SEM:FOUNDTN&POLICIE A TR 520 Prereq: ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM
0375005 1 F 9:00-10:30 MEIER M
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction

SEM:ADV THRPTC INTV A TR 523 1 CREI Prereq: A TR 522X, A TR 545X, ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM 0364005 1 ARRANGED MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$25.00

CLINICAL EDUCATN IV A TR 539 2 CR
Prereq: A TR 522X, A TR 545X, A TR 529X,
ACCEPTANCE INTO ATHLETIC TRAINING PROGRAM
Satisfactory-Fail Only.
0367005 1 ARRANGED PEEL S
MEETS: JUNE 28-AUG 6 PEEL S

GEN MD&BHV HLTH ISS A TR 560 3 CREI
Prereq: A TR 522X, A TR 545X, ACCEPTANCE INTO
ATHLETIC TRAINING PROGRAM
0370005 1 TR 11:00-1:00
MWF 11:00-1:00
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction 3 CREDITS

## BIOCHEM, BIOPHYSICS & MOLECULAR BIO

SURVEY OF BIOCHEM BBMB 301 3 CREDITS
Prereq: CHEM 231 OR CHEM 331
Note: AGBIO, BIOCHEMISTRY OR BIOPHYSICS MAJORS MAY NOT
APPLY CREDIT FOR BBMB 301 TOWARD DEGREE REQUIREMENTS
FOR THE MAJOR BUT IT IS ACCEPTABLE AS AN ELECTIVE.
CREDIT IN ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: BBMB 301,
BBMB 303X, BBMB 316.

1999700 1 ARRANGED THORNBURG R
MEETS: MAY 17-AUG 6
Note: Course delivery is WW

BIOCHEMSTRY PRINCIP BBMB 316 3 CREDITS
Prereq: CHEM 231 OR CHEM 331; BIOL 212.
BIOL 313 AND BIOL 314 STRONGLY RECOMMENDED.
Note: BIOCHEMISTRY, BIOPHYSICS, AND AG BIOCHEMISTRY
MAJORS MAY NOT APPLY CREDIT FOR BBMB 316 TOWARD
DEGREE REQUIREMENTS FOR THE MAJOR. CREDIT IN ONLY
ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
GRADUATION: BBMB 301, BBMB 303X, BBMB 316.

9022700 1 ARRANGED HARGROVE M
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW

1ST SS 2021 BIOCHEM, BIOPHYSICS & MOLECULAR BIO (CONTINUED) BIOCHEMISTRY I BBMB 404 3 CREDITS Prereq: CHEM 331
Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405 Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 40'
SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION
2002700 1 ARRANGED SASHITAL
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW BIOCHEMISTRY II BBMB 405 3 CREDITS

Prereq: BBMB 404

Note: CREDIT FOR EITHER BBMB 420 OR THE BBMB 404,405

SEQUENCE, BUT NOT BOTH, MAY BE APPLIED TOWARD

GRADUATION

2003700 1 ARRANGED BEITZ D

MEETS: MAY 17-AUG 6 INDEPENDENT STUDY BBMB 490 1-3 CREDITS
Prereq: AG LS COLLEGE MAJORS: JUNIOR OR
SENIOR CLASSIFICATION AND INSTRUCTOR PERMISSION.
LAS COLLEGE MAJORS: INSTRUCTOR PERMISSION.
Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED
TOWARD GRADUATION
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS BBMB 490H 1-3 CREDITS

Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM
 INSTRUCTOR PERMISSION; COLLEGE OF AGRICULTURE:
 JUNIOR OR SENIOR CLASSIFICATION

Note: NO MORE THAN 9 CREDITS OF BBMB 490 MAY BE APPLIED
 TOWARD GRADUATION

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS UNDERGRAD RESEARCH BBMB 499 1-5 CREDITS
Prereq: PERMISSION OF FACULTY MEMBER WITH WHOM
STUDENT PROPOSES TO WORK
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS BBMB 590 VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ESEARCH BBMB 699 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH **BIOINFORMATICS&COMPUTATIONAL BIOL-UG** INDEPENDENT STUDY BCBIO 490 1-5 CREDITS
Prereq: BCBIO 322, JUNIOR OR SENIOR CLASSIFICATN,
PERMISSION OF INSTRUCTOR
Note: STUDENTS IN THE LAS COLLEGE MAY USE NO MORE
THAN 9 CREDITS OF BCBIO 490 AND 491 TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS BIOINFORMATICS AND COMPUTATIONAL BIOL INDEPENDENT STUDY BCB 490 1- 5 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required 1st week. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS COOPERATIVE EDUCATN BCB Prereq: PERMISSION OF THE PROGRAM CHAIR
1828005 1 ARRANGED
MEETS: MAY 17-AUG 6

GRAD RESEARCH ROTAT BCB 697 VAR. CREDITS 7827005 1 ARRANGED MEETS: MAY 17-AUG 6

BCB 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

#### BIOLOGICAL/PRE-MEDICAL ILLUSTRATION

INDEPENDENT STUDY BPM I 490 1-3 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR & ADVISORY COMM
CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLMT
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

ILLUSTRATION INTERN RPM T 497 LLUSTRATION INTERN BPM 1 497 1- 6 CREDITS

Prereq: JR OR SR CLASSIFICATION IN BPM I. WRITTEN

APPROVAL OF SUPERVISING INSTR & ADVISORY COMM CHAIR

ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

Satisfactory-Fail Only.

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

#### **BIOLOGY**

INTRODUCTORY BIOL BIOL 101 3 CREDITS

Note: CREDIT IN BIOL 101 MAY NOT BE APPLIED

TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS

2064700 1 ARRANGED PLEASANTS J

MEETS: MAY 17-AUG 6

Note: Course delivery is WWW

BIOLOGY (CONTINUED)

HUMAN BIOLOGY BIOL 155 3 CRED
Note: CREDIT IN BIOL 155 MAY NOT BE APPLIED
TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
7079700 1 ARRANGED MANZ C
MEETS: JUNE 14-AUG 6 3 CREDITS Note: Course delivery is WWW

CNVIRONMNTL BIOLOGY BIOL 173 3 CREDITS
Note: CREDIT IN BIOL 173 MAY NOT BE APPLIED
TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS
2015700 1 ARRANGED PLEASANTS J
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW ENVIRONMNTL BIOLOGY

PRIN OF BIOLOGY I BIOL 211
Prereq: HIGH SCHOOL BIOLOGY
9468700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW 3 CREDITS PLEASANTS J

PRIN OF BIOLOGY II BIOL 212 3 CRED:

Prereq: HIGH SCHOOL BIOLOGY; H.S. CHEMISTRY OR

CREDIT OR ENROLLMENT IN CHEM 163 OR CHEM 177

9469700 1 ARRANGED KUKDAY S

MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW

FUND HUMAN ANATOMY BIOL 255 3 CRED Prereq: HS BIOLOGY AND CHEMISTRY, OR BIOL 101.
Note: CREDIT IN BIOL 255 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS 7205700 1 ARRANGED HAEN K MEETS: MAY 17-AUG 6
Note: Course delivery is WWW FUND HUMAN ANATOMY

FUND HUMAN PHYSIOL BIOL 256 3 CREDIT Prereq: H.S. BIOLOGY AND CHEMISTRY, OR BIOL 101, OR BIOL 255 (RECOMMENDED)

Note: CREDIT IN BIOL 256 MAY NOT BE APPLIED TOWARD BIOLOGY MAJOR GRADUATION REQUIREMENTS 6408700 1 ARRANGED HAEN K

MEETS: MAY 17-AUG 6

Note: Course delivery is WWW

PRINCIP OF GENETICS BIOL 313 3 CREDITS
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301
AND 313L/301L, GEN/AGRON 320

9472700 1 ARRANGED BOURY N
MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

PRIN MOLEC CELL BIO BIOL 314 3 CREDITS
Prereq: BIOL 211, BIOL 2111, BIOL 212, BIOL 2121.
9474700 1 ARRANGED SRIVASTAVA R
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW PRIN MOLEC CELL BIO

BIOLOGICAL EVOLUTN BIOL 315 3 CREDIT:
Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L.
5604700 1 ARRANGED
MEETS: MAY 17-JULY 9 3 CREDITS

Note: Course delivery is WWW

OMPHSV HUMN ANATMY BIOL 350
Prereq: BIOL 211, BIOL 212
5302700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW COMPHSV HUMN ANATMY 4 CREDITS BASTAWROS H

ECO&ENVIRON SCI GIS BIOL 370 1- 6 CREDI Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL 1- 6 CREDITS SCIENCES

SCIENCES
Satisfactory-Fail Only.
9445005 1 ARRANGED LU C
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction
9445010 2 ARRANGED LU C
MEETS: MAY 17-AUG 6
Note: SEC 2 OFFERED FOR 3 CREDITS
Course delivery is On-site instruction

NDEPENDENT STUDY BIOL 490 1-6 CREDITS
Note: NO MORE THAN 9 CREDITS IN BIOL 490 MAY BE APPLIED
TOWARD GRADUATION AND OF THOSE ONLY 2 CREDITS MAY BE
APPLIED TO THE BIOLOGY ADVANCED COURSE REQUIREMENT
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY

IND STU BIOL RESRCH BIOL 490H 1-6 CREI

UG TEACHNG EXPERNCE BIOL 491 1-2 CREDITS
Prereq: PERMISSION OF SUPERVISING STAFF
Note: NO MORE THAN 2 CREDITS IN BIOL 491 MAY BE
APPLIED TOWARD BIOLOGY ADVANCED COURSE DEGREE
REQUIREMENTS
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BIOLOGY (CONTINUED)

BIOLOGY INTERNSHIP BIOL 494 1- 3 CREDITS GY INTERNISHIP BIOL 494 1-3 CREDITS
Prereq: 8 CREDITS IN BIOLOGY, INSTRUCTOR PERMISSN
NOTE: NO MORE THAN 9 CREDITS IN BIOL 494 MAY BE
APPLIED TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS
MAY BE APPLIED TOWARD THE BIOL ADVANCED COURSE

REQUIREMENT \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

BIOL 495 UNDERGRAD SEMINAR 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR

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

Prereg: PERMISSION OF THE BIOLOGY PROGRAM COOPERATIVE EDUCATION COORDINATOR
4546005 1 ARRANGED
MEFTS: 1 COOPERATIVE EDUC R CREDIT

UG RESEARCH EXPRNCE BIOL 499 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS IN BIOL 499 MAY BE APPLIED
TOWARD GRADUATION AND OF THOSE ONLY 6 CREDITS MAY BE
APPLIED TOWARD THE BIOLOGY ADVANCED COURSE REQUIREMNT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

#### BIOMEDICAL ENGINEERING

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

SEE DEPT FOR REFERENCE NUMBERS

#### **BIOMEDICAL SCIENCES**

INDEPENDENT STUDY B M S 490 1- 5 CRE.

Prereq: PERMISSION OF INSTRUCTOR

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 5 CREDITS

NDEP STUDY HONORS B M S 490H 1- 5 CREDITS
Prereq: INSTR PERMISSION, HONORS PROG MEMBERSHIP
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS

INT'L PRECEPTORSHIP B M S 496 1-12 CREDI Prereq: CLASSIFICATION IN VET MED OR PERMISSION OF INSTRUCTOR 6973805 S2 ARRANGED MEETS: MAY 17-AUG 6

RES MTHD BIOMED SCI B M S 501 3 CREDIT Prereq: GRADUATE CLASSIFICATION, PERMISSION OF A B M S FACULTY MEMBER 6978005 1 ARRANGED 3 CREDITS 1 ARRANGED MEETS: MAY 17-AUG 6

SPCL TOPICS ANATOMY B M S 590A 1- 7 CRES Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 7 CREDITS

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

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

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

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

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

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

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

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

B M S 698B 1 CREDIT Prereq: ENROLLMENT IN B M S GRADUATE PROGRAM Satisfactory-Fail Only.
6995005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction

BIOMEDICAL SCIENCES (CONTINUED)

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

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

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

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

#### BIORENEWABLE RESOURCES & TECHNOLOGY

SPECIAL TOPICS BRT 590 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR OR MAJOR PRO
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ESEARCH BRT 699 VAR. CREDI
Prereq: PERMISSION OF STUDENT'S MAJOR PROFESSOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

#### BUSINESS ADMINISTRATION

CAREERS&EMPLOY PREP BUSAD 203 1 CREDIT Prereq: BUSAD 102 OR BUSAD 103 1 CREDIT Note: COURSE NOT OPEN TO FIRST TERM FRESHMEN AND 1 CREDIT GRADUATE STUDENTS

8860005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8860010 2 ARRANGED
MEETS: JUNE 14-AUG 6 LONG B

Note: Course delivery is WWW

INTRO TO BUSINESS BUSAD 250 3 COPRETED TO UNDERGRADS ONLY 3 CREDITS 8807005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

EXP DOMESTC INTERNS BUSAD 391A 1 CREDIT
Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS;
WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP
COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE

Note: Instructor permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EXP INT'L INTERNSHP BUSAD 391B 1 CREDIT Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS; WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP 1 CREDIT COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE

Note: Instructor permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

EXPERIENTIAL LEARNG BUSAD 391E 1 CREDIT Prereq: 12 CREDITS FROM COLLEGE OF BUSINESS;
WRITTEN APPROVAL OF CAREER SERVICES INTERNSHIP COORDINATOR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE

Note: Department permission required. 7515005 1 ARRANGED MEETS: MAY 17-AUG 6

COOPERATIVE EDUC BUSAD 398 R CRED Prereq: PERMISSION OF DEPARTMENT Note: NO MORE THAN 3 ADDITIONAL CREDITS MAY BE

Note: No MORE THAN 3 ADDITIONAL CREDITS MATTAKEN IN SAME SEMESTER AS BUSAD 398
Satisfactory-Fail Only.
6147005 1 ARRANGED WIEL
MEETS: MAY 17-AUG 6
Note: Permission of coordinator required. WIELAND K

IND STDY ENTREPRENR BUSAD 490E Prereq: Senior Classification; Permission
OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
3635005 1 ARRANGED
MEETS: MAY 17-AUG 6

INDEPENDENT STUDY BUSAD 490G 1- 3 CT Prereq: ACCEPTANCE IN PROFESSIONAL PROGRAM IN BUSINESS; PERMISSION OF INSTRUCTOR Note: Instructor permission required. 3634005 1 ARRANGED MEETS: MAY 17-AUG 6

(CONTINUED)

NDEP STUDY HONORS BUSAD 490H 1- 3 CREDITS
Prereq: ADMISSION TO THE BUSINESS HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS

OKOBOJI ENTSP INST BUSAD 491X 1-3 CRE
Prereq: SELECTION TO OKOBOJI ENTREPRENEURSHIP
INSTITUTE
Note: CONTACT JUDI EYLES AT EYLES@IASTATE.EDU
FOR ADDITIONAL INSTRUCTIONS 1- 3 CREDITS

Department permission required.
Satisfactory-Fail Only.
0803005 1 ARRANGED
MEETS: AUG 8-12

EVILES J

3 CREDITS

QUANT BUS ANLY&DECI BUSAD 502 3 CREDITS

Prereq: ENROLLMENT IN MBA PROGRAM OR DEPARTMENTAL

PERMISSION

9351700 1 T 5:50-9:10PM

ARRANGED

MEETS: MAY 11-JUNE 17

Note: SEC 1 WILL MEET FF ON TUESDAY EVENINGS WITH

AN ONLINE COMPONENT EACH WEEK. STUDENTS WILL

ALSO MEET FF FOR THE FINAL THURSDAY 6/17/21

CLASS WILL MEET AT YMCA, DOWNTOWN DES MOINES.

Department permission required. Department permission required.

Course delivery is Hybrid (Online and F2F)

Materials and equipment use fee \$189.00

Taught at, in or by DES MOINES

ACCOUNTING &FINANCE BUSAD 508 3 CREDITS ACCOUNTING &FINANCE BUSAD 508 3 CREDI
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR
APPROVAL OF INSTRUCTOR MUST BE OBTAINED

2337700 1 ARRANGED SAPP T
MEETS: MAY 17-AUG 6

Note: SEC 1 RESTRICTED TO STB MAJORS. OTHERS
NEED TO CONTACT SEEDGRAD@IASTATE.EDU TO

REGISTER.

Course delivery is WWW

SPECL TOPICS BUSNSS BUSAD 590
Prereq: ENROLLMENT IN MBA PROGRAM OR
PERMISSION OF DEPARTMENT
1739540 SD ARRANGED
MEETS: MAY 17-AUG 6 3 CREDITS

DEMARTE S

PRO EXPERIENTL LRNG BUSAD 591 1-3 CREDIT Prereq: GRADUATE STANDING; WRITTEN APPROVAL OF SUPERVISING INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM PRIOR TO THE LEARNING EXPERIENCE \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS PRO EXPERIENTL LRNG

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

MEETS: MAY 17-AUG 6

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

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

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

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

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

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

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

### CHEMICAL ENGINEERING

CHEMICAL ENGR LAB I CH E 325 2 CREDITS

Prereq: CH E 357, CH E 381; CREDIT OR ENROLLMENT

IN ENGL 314 OR ENGL 309 OR ENGL 312 OR JL MC 347

Note: Instructor permission required 1st week.

5699005 1 MTWR 8:40-4:00

MEETS: MAY 17-JUNE 11

Note: Course delivery is On-site instruction

Materials fee \$65.00

R INTERNSHIP CH E 396 R CREDIT
Prereq: PERMISSION OF DEPARTMENT EACH TIME TAKEN SUMMER INTERNSHIP R CREDIT Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CORE CONCPTS CH ENG CH E 412X
Prereq: CHEM 325, MATH 267, PHYS 221
0392700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW 3 CREDITS

CHEMICL ENGR LAB II CH E 426 2 CREDITS

Prereq: CH E 325, CH E 358, CH E 382

Note: CREDIT FOR EITHER CH E 426 OR CH E 427,

BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.

RESTRICTED TO CH E SENIORS GRADUATING SUMMER 2021.

Instructor permission required 1st week.

2448005 1 MTWR 8:40-4:00

MEETS: MAY 17-JUNE 11

Note: Course delivery is On-site instruction

Materials fee \$75.00 CHEMICL ENGR LAB II

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

Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CH E 590 2-6 CREI \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT CH E 599 VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEPENDENT STUDY CH E 692 2-6 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP CH E 697 R CRED
Prereq: PERMISSION OF MAJOR PROF, GRAD CLASSIF
2116005 1 ARRANGED
MEETS: MAY 17-AUG 6

TCHG PRACTICM: EXPRC CH E 698B Prereq: CH E 698A
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH CH E 699 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS

## CHEMISTRY

COLLEGE CHEMISTRY I CHEM 163 4 CREDITS
Prereq: 1 YR H.S. ALGEBRA AND GEOMETRY;
CHEM 50 OR 1 YR H.S. CHEMISTRY; AND CREDIT OR
ENROLLMENT IN CHEM 163L
Note: MUST BE ACCOMPANIED BY CHEM 163L UNLESS STUDENT
ALREADY HAS CREDIT IN 163L. CREDIT FOR ONLY ONE OF
THE FOLLOWING COURSES (AND ACCOMPANYING LAB) MAY BE

APPLIED TOWARD GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201

2489700 1 MTWRF 12:10-1:10 BURKE K
MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

GENERAL CHEM LAB I CHEM 163L 1 CREDI Prereg: CREDIT OR ENROLLMENT FOR CREDIT IN CHEM

Note: MUST BE ACCOMPANIED BY CHEM 163 UNLESS STUDENT
ALREADY HAS CREDIT IN 163. CREDIT FOR ONLY ONE OF
THE FOLLOWING MAY BE APPLIED TOWARD GRADUATION:
CHEM 1631, CHEM 1671, CHEM 1771, CHEM 177N, CHEM 201L
2490005 1 MW 8:40-11:40 PISTOLESI S
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00

1ST SS 2021 41

(CONTINUED)

ENGNRS GENERAL CHEM CHEM 167 4 CREDITS
Prereq: ONE YEAR OF HIGH SCHOOL CHEMISTRY OR
CHEM 50; MATH 140 OR HIGH SCHOOL EQUIVALENT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
(AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD
GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201
COURSE RESTRICTED TO COLLEGE OF ENGR MAJORS
2493700 1 ARRANGED BONACCORSI C
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

CHEMISTRY

GENERAL CHEMISTRY I CHEM 177 4 CREDITS

Prereq: MATH 140 OR H.S. EQUIVALENT, CHEM 50 OR

1 YR H.S. CHEM, CR OR ENROLLMENT IN CHEM 177L.

CHEM AND BIOCHEM MAJORS MAY CONSIDER TAKING 201.

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES

(AND ACCOMPANYING LAB) MAY BE APPLIED TOWARD

GRADUATION: CHEM 163, CHEM 167, CHEM 177, CHEM 201

2495005 1 M 9:50-10:50, ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

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

LAB GENERAL CHEM I CHEM 177L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN 177
Note: CHEM 177L MUST BE ACCOMPANIED BY CHEM 177 UNLESS
STUDENT ALREADY HAS CREDIT IN 177. CREDIT FOR ONLY
ONE OF THE FOLLOWING COURSES MAY BE APPLIED TOWARD
GRADUATION: CHEM 163L, CHEM 167L, CHEM 177L,
CHEM 177N, CHEM 201L. PISTOLESI S
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
2496010 2 TR 12:10-3:10 PISTOLESI S
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction
Section info: http://courses.chem.iastate.edu/
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction
Materials and equipment use fee \$15.00
Section info: http://courses.chem.iastate.edu/ CHEM 177L LAB GENERAL CHEM I 1 CREDIT

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

GENERAL CHEMSTRY II CHEM 178 3 CREDITS

Prereq: CHEM 177, CHEM 177L

Note: TESTOUT NOT AVAILABLE TO STUDENTS ALSO REGISTERED
2499005 1 MTWR 11:00-12:00 AWINO J

ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW
Section info: http://courses.chem.iastate.edu/

1 CREDIT

PISTOLESI S

LAB GENERAL CHEM II CHEM 178L 1 CRED
Prereq: CHEM 177L AND CREDIT OR ENROLLMENT
IN CHEM 178
2500005 1 TR 12:10-3:10 PISTOLES
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/
2500010 2 MW 12:10-3:10 PISTOLES
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/ PISTOLESI S

ELEM ORGANIC CHEM CHEM 231 3 CREDITS
Prereq: CHEM 163, CHEM 163L, OR CHEM 177, CHEM
177L OR CHEM 167; CREDIT OR ENROLLMENT IN CHEM 231L
Note: CREDIT FOR EITHER CHEM 231 OR BBMB 221, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT FOR
EITHER CHEM 231 (AND 231L) OR CHEM 331 (AND 331L),
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
2504005 1 MTWRF 8:40-9:40
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

Note: Course delivery is WWW

ELEM ORGNC CHEM LAB CHEM 231L 1 CREDI Prereq: CREDIT OR ENROLLMENT FOR CREDIT IN 231; 163L OR 177L 1 CREDIT

163L OR 177L

Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
CREDIT FOR EITHER CHEM 231L OR CHEM 333L, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION.
7900005 1 MW 9:50-12:50
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/
7900010 2 MW 1:20-4:20
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/
Section info: http://courses.chem.iastate.edu/

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

CHEMISTRY (CONTINUED)

ORGANIC CHEMISTRY I CHEM 331 3 CREDITS
Prereq: CHEM 178 OR CHEM 201, ENROLLMENT IN CHEM
331L HIGHLY RECOMMENDED
Note: CREDIT FOR EITHER CHEM 331 (AND 331L) OR
CHEM 231 (AND 231L), BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
2516005 1 MTWRF 8:40-9:40
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

LAB ORGANIC CHEM I LAB ORGANIC CHEM I CHEM 331L 1 CREDIT
Prereq: CHEM 1771; CR OR ENROLLMENT IN CHEM 331
Note: CREDIT FOR EITHER CHEM 331L OR CHEM 231L,
BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
527005 1 MW 9:50-12:50
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/
5270010 2 TR 9:50-12:50
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/ CHEM 331T.

ORGANIC CHEMSTRY II CHEM 332 3 CREDIT
Prereq: CHEM 331. ENROLLMENT IN CHEM 332L HIGHLY
RECOMMENDED.
2517005 1 MTWRF 12:10-1:10
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

LAB ORGANIC CHEM II CHEM 332L 1 CREDIT
Prereq: CHEM 331L, CR OR ENROLLMENT IN CHEM 332
Note: CREDIT IN CHEM 332L OR CHEM 334L, BUT NOT BOTH,
MAY BE APPLIED TOWARD GRADUATION

5272005 1 TR 8:40-11:40
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$115.00
Section info: http://courses.chem.iastate.edu/

5272010 2 TR 1:20-4:20
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
Materials and equipment use fee \$15.00
Section info: http://courses.chem.iastate.edu/

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

UNDERGRAD RESEARCH CHEM 399 WAR. NDERGRAD RESEARCH CHEM 399 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR WITH WHOM
STUDENT PROPOSES TO WORK AND JR OR SR CLASSIFICATION
Note: NO MORE THAN 6 TOTAL CREDITS OF CHEM 399 AND
CHEM 499 MAY BE APPLIED TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

COOPERATIVE EDUCATN CHEM 498 R CRED Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION 4841005 1 ARRANGED MEETS: MAY 17-AUG 6

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

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

SEMINR INORGNC CHEM CHEM 600
Prereq: PERMISSION OF INSTRUCTOR
2563005 1 ARRANGED
MEETS: MAY 17-AUG 6

Note: Course delivery is On-site instruction

ESEARCH CHEM 699 VAR. CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH VAR. CREDITS

## CHINESE

INDEPENDENT STUDY CHIN 490 1-6 CREDITS

Prereq: 6 CR IN CHINESE; PERMISSION OF DEPT CHAIR

Note: Permission of department chair required.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS 1ST SS 2021 42

(CONTINUED) CHINESE NTERNSH IN CHINESE CHIN 499 1-3 CREDITS
Prereq: 9 CREDITS OF CHINESE AT THE 300 LEVEL;
PERMISSION OF ADVISER AND WLC INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
\*\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS INTERNSH IN CHINESE

#### CIVIL ENGINEERING

ENGINEERING STATICS C E 274 3 CREDITS
Prereq: PHYS 221, CREDIT OR ENROLLMNT IN MATH 166
3004700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: SEC 1 EXAMS WILL BE ONLINE BUT WILL REQUIRE A

PROCTOR.

Course delivery is WWW

STRUCTURAL ANALYS I C E 332

Prereq: E M 324

2285700 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW 3 CREDITS

REIN CONCRETE DSN I C E 334 Prereq: C E 332, E M 327 2287700 1 ARRANGED MEETS: MAY 17-JULY 9 3 CREDITS

Note: Course delivery is WWW

SUMMER INTERNSHIP C E 396 R C
Prereq: PERMISSION OF DEPT AND ENGR CAREER
SERVICES R CREDIT

Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

C E 490H 1- 3 CREDITS INDEP STUDY HONORS

Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
THE HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOP ADV BLDG CN C E 594L 3 CREDITS

Prereq: CON E 352 OR C E 306 OR GRADUATE

STANDING OR PERMISSION OF INSTRUCTOR

Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021

2186700 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

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

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

EER INTERNSHIP C E 697 R CREDIT Prereq: PERMISSION OF COOP ADVISER, GRAD CLASSIF Note: Department permission required. Satisfactory-Fail Only. 005 1 ARRANGED MEETS: MAY 17-AUG 6 ENGINEER INTERNSHIP Note:

7416005

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

## **CLASSICAL STUDIES**

GREEK &ROMAN MYTHOL CL ST 273 3 CRI Note: Meets international perspectives reqmt 2586700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW Materials and equipment use fee \$25.00 GREEK &ROMAN MYTHOL

ANCIENT EGYPT CL ST 369 3 CREDITS Note: Meets international perspectives reqmt
0355700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

Materials and equipment use fee \$25.00

INDEPENDENT STUDY CL ST 490 1-6 CREI Prereq: 7 CR IN CL ST AT 200 LEVEL OR HIGHER; PERMISSION OF THE PROGRAM CHAIR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS

## COMMUNICATION DISORDERS

COMUNICAT WITH DEAF CMDIS 286 3 CREDITS OMUNICAI WITH DEAF CMDIS 286
Note: Meets U.S. diversity reqmt
2612700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW Syllabus: http://faculty.sites.iastate.edu/giri/page

LANG&RDG DEVEL CHLD CMDIS 471 3 CREDITS
Prereq: CMDIS 275 OR LING 275 OR PSYCH 230 OR
OR ENGL 219
2618700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
Syllabus: http://faculty.sites.iastate.edu/giri/page

/471summer

### **COMMUNICATION STUDIES**

INTRO COMMUNIC STDI COMST 101
7918005 1 ARRANGED
MEETS: JUNE 14-JULY 9 3 CREDITS ODENWELLER K

Note: Course delivery is WWW

INTRO COM RSRCH MTD COMST 203 3 CREDITS NTRO COM RSRCH MID COMBI 20 Prereq: COMST 101 5123700 1 ARRANGED MEETS: JUNE 14-AU Note: Course delivery is WWW FORNOFF M

JUNE 14-AUG 6

COMM& U.S. DIVRSITY 3 CREDITS diversity reqmt RUBLE R

PROFESSNAL COMMUNIC COMST 214
9183700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW 3 CREDITS HARMS J

TOPICS COMM STU COMST 450 3 CREI 24005 1 MTWRF 2:30-4:30 JENKS T MEETS: MAY 17-JUNE 11

Note: SEC 1 TOPIC: CREATIVITY & COMMUNICATION Course delivery is On-site instruction 8024005

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

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

PROFESSNL INTERNSHP COMST 497 1- 3 CREDITS Note: Instructor permission required.

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

SPECIAL TOPICS COMST 590 Note: Instructor permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMMUNITY & REGIONAL PLANNING

C R P 330 Prereq: MAJOR IN COMMUNITY AND REGIONAL PLANNING Satisfactory-Fail Only.

2386005 1 ARRANGED

MEETS: MAY 17-AUG 6

PRO WORK EXPERIENCE C R P 410 R CREDIT
Prereq: PERMISSION OF DEPARTMENT CHAIR
2710005 1 ARRANGED
MEETS: MAY 17-AUG 6

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

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

INDEP STUDY HONORS C R P 490H 1- 3 CREDITS

Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND
DEPARTMENT CHAIR ON REQUIRED FORM. MEMBERSHIP IN
UNIVERSITY HONORS PROGRAM.

Note: RESTRICTED TO MEMBERS OF UNIV HONORS PROGRAM ONLY
Instructor permission required 1st week.
Satisfactory-Fail Only.

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

COMMUNITY & REGIONAL PLANNING

(CONTINUED)

RO WORK EXPERIENCE C R P 510 R CRE Prereq: PERMISSION OF DEPARTMENT CHAIR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS PRO WORK EXPERIENCE R CREDIT

PRACTICUM C R P 530 1- 3 CREDITS
Prereq: GRADUATE CLASSIFICATION IN C R P
Satisfactory-Fail Only.
2405005 1 ARRANGED
MEETS: MAY 17-AUG 6

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

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

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

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

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

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

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

SP TOP TRANSPRTN PL C R P 5901 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SP TOP TRANSPRTN PL

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

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

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

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

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

SPL TP DIVRS&EQ PLN C R P 590Q 1- 3 CREDITS
Prereq: GRAD CLASSIFICATION AND WRITTEN APPROVAL
OF INSTRUCTOR AND DEPARTMENT CHAIR ON REQUIRED FORM
Note: Instructor permission required 1st week.

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

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

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

C R P 699 VAR. CREDITS RESEARCH Note: Instructor permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## COMMUNITY DEVELOPMENT

3 CREDITS BORICH T

CMUNT DEV II: CHANGE C DEV 505 3 CREDITS 8209700 F ARRANGED BORICH T MEETS: MAY 17-AUG 6 BORICH T MEETS: MAY 17-AUG 6 Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478 Department permission required

800-747-4478
Department permission required.
Course delivery is WWW
Tuition Category: GPIDEA Consortium

8209705 H ARRANGED BORICH T
MEETS: MAY 17-AUG 6
Note: SEC H CONTACT GPIDEA COORDINATOR TO ENROLL.
CASEY SMITH, AGONLINESERVICES@IASTATE.EDU,
800-747-4478
Department permission required.
Course delivery is WWW
Tuition Category: GPIDEA Consortium

(CONTINUED) COMMUNITY DEVELOPMENT

GRANT WRITING C DEV C DEV 523 3 CREDITS
8794700 G ARRANGED
MEETS: JUNE 7-JULY 30
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY
SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478 Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium

43

IMMIGR&CMUNTY INCLU C DEV 526 3 CREDITS 9164700 G ARRANGED MEETS: JUNE 1-AUG 6
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY SMITH, AGONLINESERVICES@IASTATE.EDU OR CALL 800-747-4478

Department permission required.
Course delivery is WWW
Tuition Category: GPIDEA Consortium

PL TOP CMNTY DVLPT C DEV 590 1- 3 CREDITS 9495700 G ARRANGED
MEETS: JUNE 7-JULY 30
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL. CF SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478 Tuition Category: GPIDEA Consortium Course delivery is WWW CASEY

Tuition Category: GPIDEA Consortium

CREATIVE COMPONENT 2349700 F ARRANG

TIVE COMPONENT C DEV 599 VAR. CREDITS
1700 F ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC F CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY
SMITH, AGONLINESSRVICES@LASTATE.EDU, 800-747-4478 Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium

## COMPUTER ENGINEERING

DIG LOGC,PROCSR,P I CPR E 281
Prereq: SOPHOMORE CLASSIFICATION
7321005 1 MTWRF 11:00-12:00
MW 2:30-5:30
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
7321010 2 MTWRF 11:00-12:00
TR 2:30-5:30
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW DIG LOGC, PROCSR, P I 4 CREDITS

SOFTWARE PROJCT MGT CPR E 329
Prereq: COM S 309
6832700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW 3 CREDITS

SUMMER INTERNSHIP CPR E 396

Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN CPR E 398 R CREDIT Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES R CREDIT

Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

NTWRK PROTOCL&SECUR CPR E 430
Prereq: CPR E 288 OR CPR E 331
9386700 1 ARRANGED
MEETS: MAY 17-AUG 6 Note: Course delivery is WWW

INDEPENDENT STUDY CPR E 490 VAR. CRED Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR Note: Department permission required 1st week.

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

HONORS INDEP STUDY CPR E 490H VAR. CREDITS

Prereq: SENIOR CLASSIFICATION IN COMPUTER ENGR

MEMBERSHIP IN UNIV HONORS PROGRAM

Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

Department permission required 1st week.

\*\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

1ST SS 2021 COMPUTER ENGINEERING (CONTINUED) COMPUTER SCIENCE (CONTINUED) TTWRK PROTOCL&SECUR CPR E 530
Prereq: CPR E 288 OR CPR E 331
2777700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW Prereq: C- OR BETTER IN COM S 231 3 CREDITS
Prereq: C- OR BETTER IN COM S 228, MATH 166,
AND IN COM S 230 OR CPR E 310; ENGL 250
1 MTWRF 11:00-12:00 FU X
MW 12:10-1:10 FU X
MEETS: MAY 17-JULY 9 3 CREDITS NTWRK PROTOCL&SECUR THEORY OF COMPUTING SPECIAL TOPICS CPR E 590 1-6 CREDITS \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS Note: Course delivery is WWW PRIN PROGR LANGUAGS COM S 342 3 CREDITS
Prereq: C- OR BETTER IN COM S 228;
C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310
Note: COURSE RESTRICTED TO COM S MAJORS ONLY
2687700 1 MTWRF 1:20-2:20 KHAIRUNNESA S
TR 2:30-3:30 KHAIRUNNESA S
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW PRIN PROGR LANGUAGS STUDY CPR E 595X 1- 3 CREDITS SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY ONENT CPR E 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT ENGINEERG INTERNSHP CPR E 697 Satisfactory-Fail Only.
7420005 1 ARRANGED
MEETS: MAY 17-AUG 6 COOPERATIVE EDUCATN COM S 398
Prereq: PERMISSION OF DEPARTMENT CHAIR
Note: Instructor permission required.
2691005 1 ARRANGED
MEETS: MAY 17-AUG 6 COOPERATIVE EDUCATN R CREDIT Note: Department permission required. CPR E 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS RESEARCH INDEPENDENT STUDY COM S 490 VAR. CREDIT Prereq: 6 CR. IN COM S, PERMISSION OF INSTRUCTOR Note: NO MORE THAN 9 CREDITS OF COM S 490 MAY BE CREDITS COMPUTER SCIENCE CMPTR LITERACY&APPL COM S 103 2673700 1 M 5:10-7:00PM W 5:10-7:00PM MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 4 CREDITS CHANG S PECIAL TOPICS COM S 590 VAR. CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS VAR. CREDITS NDWS APP PROGRMMNG COM S 107 2674700 1 MTWRF 9:50-10:50 MEETS: JUNE 14-AUG 6 Note: Course delivery is www 3 CREDITS GRADUATE INTERNSHIP COM S 598
Prereq: GRADUATE CLASSIFICATION
5627005 1 ARRANGED
MEETS: MAY 17-AUG 6 R CREDIT O SPRDSH&DATABS COM S 113 3 CREDITS
Note: COM S, S E, AND CPR E MAJORS MAY NOT APPLY CREDIT
FOR COM S 113 TOWARD GRADUATION.
1700 1 MW 12:10-2:00 SUKUL A
TR 12:10-2:00 SUKUL A
MEETS: JUNE 14-AUG 6 INTRO SPRDSH&DATABS CREATIVE COMPONENT COM S 599 1- 3 CRES Satisfactory-Fail Only. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS 7761700 Note: Course delivery is WWW COM S 610 VAR. CREDITS Satisfactory-Fail Only.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INTRO CPR PROGRAMMG COM S 127 4 CF Prereq: CREDIT OR ENROLLMENT IN MATH 140 OR 4 CREDITS COM S 699 HIGHER VAR. CREDITS HIGHER 700 1 MTWRF 11:00-12:00 MTWR 12:10-1:10 MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW Prereq: APPROVAL OF INSTRUCTOR
Note: Instructor permission required 1st week.
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS KABALA J KABALA J 8789700 CONSTRUCTION ENGINEERING FUND CPTR PROGRAMNG COM S 207 3 CRED Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR 3 CREDITS ENGINEERING LAW CON E 380 HIGHER 3 CREDITS HIGHER
Note: CREDIT FOR EITHER COM S 207 OR COM S 227, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
1700 1 MTWRF 11:00-12:00 CAI Y
TR 2:30-3:30 CAI Y
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW Prereq: JUNIOR CLASSIFICATION 5102700 1 ARRANGED MEETS: MAY 17-JULY 9
Note: Course delivery is www 9235700 SUMMER INTERNSHIP CON E 396 Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING OBJT-ORIEN PROGRAMG COM S 227 4 CREDITS
Prereq: CREDIT OR ENROLLMENT IN MATH 143 OR
HIGHER: RECOMMENDED: A PREVIOUS HIGH SCHOOL OR
COLLEGE COURSE IN PROGRAMMING OR EQUIVALENT EXPERIENC
Note: CREDIT FOR EITHER COM S 227 OR COM S 207, BUT CARÉER SERVICES CAREEK SERVICES
SALISFACTORY-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY CON E 490 1- 3 CREDITS NOTE: CREDIT FOR EITHER COM S 227 OR COM S 20'
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION
7005 1 MTWRF 11:00-12:00 GHOSH S
MTWR 12:10-1:10 GHOSH S
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 9237005 CRIMINAL JUSTICE STUDIES INTR CRIMINL JUSTIC CJ ST 240 4719700 1 ARRANGED MEETS: JULY 12-AUG 6 Note: Course delivery is WWW 3 CREDITS INTRO DATA STRUCTUR COM S 228 3 CREDITS

Prereq: C- OR BETTER IN 227, CREDIT OR ENROLLMENT
IN MATH 165

9238005 1 MTWRF 11:00-12:00 BATINOV G
MW 12:10-1:10 BATINOV G
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW BURGASON K YOUTH & CRIME CJ ST 241 2576700 1 ARRANGED MEETS: JUNE 14-JULY 9 Note: Course delivery is WWW 3 CREDITS DISCRETE CMP STRUCT COM S 230 3 CREDI
Prereq: C- OR BETTER IN COM S 227 AND MATH 165;
ENGL 150
4005700 1 MTWRF 11:00-12:00 DENEKE J
MW 12:10-1:10 DENEKE J
MEETS: JUNE 14-AUG 6 DEVIANT &CRIM BEHAV CJ ST 340 3 CREDITS Prereq: SOC 134 OR CJ SI 240
2579700 1 ARRANGED
MEETS: JUNE 14-JULY 9
Note: Course delivery is WWW BEHNKEN M Note: Course delivery is WWW CRIMINOLOGY CJ ST 341 3 CREDITS DSN&ANALYSIS ALGRTH COM S 311 3 CREI

Prereq: MINIMUM OF A C- IN COM S 228;

MATH 166, ENGL 150; COM S 230 OR CPR E 310

2683005 1 MTWRF 11:00-12:00 MITRA S

TR 12:10-1:10 MITRA S

MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW Prereq: CJ ST 240
3175700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW 3 CREDITS DRURY A

CRIMINAL JUSTICE STUDIES (CONTINUED) DESIGN STUDIES

PNISH, CORECTN&SOCIE CJ ST 352
Prereq: CJ ST 240, CJ ST 241, SOC 241
7762700 1 ARRANGED D
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW 3 CREDITS DELISI M

GENDER AND CRIME CJ ST 406 3 CREDITS PROPER AND CRIME CO ST 406
Prereq: CJ ST 240
0038700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW HARPER S

CRIM &JUV JUST PRAC CJ ST 460 3-12 CREDITS
Prereq: JR OR SR CLASSIFICATION; PERMISSION
OF CJ ST COORDINATOR; MAJOR OR MINOR IN CJ ST
Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460
MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN
SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM
SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS.
Satisfactory-Fail Only.
2581005 1 ARRANGED DELISI M
MEETS: MAY 17-AUG 6
2581010 2 ARRANGED DELISI M
MEETS: MAY 17-JULY 9
Note: SEC 2 OFFERED FOR 3-4 CREDITS

#### CYBER SECURITY ENGINEERING

R INTERNSHIP CYB E 396X R CREDIT Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES Satisfactory-Fail Only. 700 1 ARRANGED MEETS: MAY 17-AUG 6 SUMMER INTERNSHIP R CREDIT 0906700

#### DANCE

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

HONORS INDEP STUDY DANCE 490H 1-3 CREDITS

Prereq: 6 CR IN DANCE, PERMISSION OF COORDINATOR,

MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

Note: Instructor permission required 1st week.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

#### DATA SCIENCE

Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA 9812700 1 MTWR 12:10-1:10 TR 1:20-3:45 METS: MAY 17-JULY 9 Note: Course delivery is WWW INTRO DATA SCIENCE 3 CREDITS

#### **DESIGN STUDIES**

DIGTL DSIGN CMUNICA DSN S 232 2087005 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS SEVIER D

NDEP STDY CMUNICAT DSN S 490C 1- 4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
\*\*\*\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS INDEP STDY CMUNICAT

INDEPN STUDY DESIGN DSN S 490D 1- 4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY ENTREPRN DSN S 490E 1- 4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STDY OUTREACH DSN S 490G 1- 4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQ'D FORM PRIOR TO SEMESTER OF ENROLLMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERDIS DSN STUDIO DSN S 546 4-6 CREDITS
Prereq: GRADUATE OR SENIOR STANDING IN THE
COLLEGE OF DESIGN AND PERMISSION OF INSTRUCTOR

2878005 1 ARRANGED SHIRTCLIFF B
MWR 9:00-1:00 RICO-GUTIERREZ L
MEETS: MAY 17-JULY 9

Note: SEC 1 OFFERED FOR 4 CREDITS SUMMER 2021
Course delivery is On-site instruction

2878010 2 MTWRF 9:00-2:00 LAIR K
MEETS: MAY 17-JULY 9

Note: SEC 2 OFFERED FOR 4-6 CREDITS SUMMER 2021
Course delivery is On-site instruction

2878015 3 MTWF 8:40-12:00
MEETS: MAY 17-JULY 9

Note: Instructor permission required.
Course delivery is On-site instruction

(CONTINUED)

PECIAL TOPICS DSN S 590 1- 4 CREDITS
Prereq: WRITTEN APPROVAL OF INSTRUCTOR AND DEPT
CHAIR ON REQUIRED FORM PRIOR TO SEMESTER OF ENROLLMNT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

#### DIETETICS

UTRITN:LIFE STAGES DIET 538 3 CREDI
PRETER: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
4450700 G ARRANGED
MEETS: JULY 12-AUG 12 NUTRITN:LIFE STAGES 3 CREDITS

MEETS: JULY 12-AUG 12
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Course delivery is On-site instruction
Course delivery is WWW
Tuition Category: GPIDEA Consortium

STATISTICS

DIET 554 3 CREDITS

Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES MAY

BE APPLIED TOWARD GRADUATION BY DIETETICS STUDENTS:

DIET 554, STAT 401, STAT 495, STAT 542

4268700 G ARRANGED

MEETS: JUNE 15-AUG 6

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY

Tuition Category: GPIDEA Consortium

Course delivery is WWW

Tuition Category: GPIDEA Consortium

3 CREDITS

ADV NU:MICRONUTRIEN DIET 556 3 CREDITS
Prereq: BBMB 404 OR BBMB 420 OR EQUIVALENT;
ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
0134700 G ARRANGED
MEETS: JUNE 1-AUG 6
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

ADV NU:MACRONUTRIEN DIET 558 3 CREDITS
Prereg: BBMB 404 OR BBMB 420 OR EQUIVALENT;
ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
Note: CREDIT FOR EITHER DIET 558 OR NUTRS 501, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
4198700 G ARRANGED
MEETS: MAY 18-JUNE 11
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

ADV MED NUTRI THRPY DIET 560 3 CREDITS
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
Note: CREDIT IN ONLY TWO OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: DIET 560,
NUTRS 561, NUTRS 564
4197700 G ARRANGED
MEETS: JUNE 14-AUG 8
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium ADV MED NUTRI THRPY 3 CREDITS

ENTREPRNR: THRY&PRAC DIET 568

ENTREPRNR:THRY&PRAC DIET 568 3 CREDITS
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
4196700 G ARRANGED
MEETS: JUNE 7-JULY 30
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

3 CREDITS

DIETRY&HERB SUPPLEM DIET 569 3 CREDITS
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
3076700 G ARRANGED
MEETS: JUNE 8-JULY 30
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is www
Tuition Category: GPIDEA Consortium Tuition Category: GPIDEA Consortium

JEADERSHP DIETETICS DIET 571 3 CREDITS 9625700 G ARRANGED
MEETS: JUNE 8-JULY 30
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW LEADERSHP DIETETICS

Tuition Category: GPIDEA Consortium

DIABETES MED NUTRTN

DIABETES MED NUTRIN DIET 576X 3 CREDITS

Prereq: COURSE IN MEDICAL NUTRITION THERAPY OR
PERMISSION OF INSTRUCTOR.

0581700 G ARRANGED

MEETS: JUNE 8-JULY 30

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

GRANT WRIT FOR PRO DIET 595 3 CREDITS
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
OR ACCEPTANCE IN THE MASTER OF PROFESSIONAL PRACTICE
IN DIETETICS PROGRAM

5667700 F ARRANGED
MEETS: MAY 24-JULY 16
Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

5667705 H ARRANGED
MEETS: MAY 24-JULY 16
Note: SEC H IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

Course delivery is WWW
Tuition Category: GPIDEA Consortium

5667710 1 ARRANGED
MEETS: MAY 24-JULY 16
Note: SEC 1 IS RESTRICTED TO GPIDEA STUDENTS ONLY
Course delivery is WWW

CREATIVE COMPONENT DIFT 500 WAR GREETS DIETETICS (CONTINUED) EARLY CHILDCARE EDUCATION AND PROGRAMMIN (CONTINUED) II CURRIC DV E C P 440 00 F ARRANGED MEETS: MAY 17-AUG 6 E C P 440 GRANT WRIT FOR PRO 3999700 Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS EMAIL GPIDEAINFO@GPIDEA.COM ABOUT ENROLLING Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium ADMIN CHLD SETTINGS E C P 442 3 CREI 4000700 G ARRANGED

MEETS: JUNE 1-JULY 2

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS

EMAIL GPIDEAINFO@GPIDEA.COM ABOUT ENROLLING
Tuition Category: GPIDEA Consortium

Course delivery is WWW 3 CREDITS Tuition Category: GPIDEA Consortium PRACTM III CAPSTONE E C P 460 3-6 CREDITS
Prereq: E C P 322, E C P 323, E C P 324,
E C P 440, E C P 442
4001700 F ARRANGED
MEETS: MAY 17-AUG 6

Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS
IF SPACE IS AVAILABLE, SEATS WILL BE RELEASED TO
STUDENTS ON THE WAITLIST. PLEASE ADD YOUR NAME
TO THE WAITLIST AT HTTPS://ONLINE.HS.IASTATE.EDU/
WAITLIST CREATIVE COMPONENT DIET 599 VAR. CREDITS
Prereq: ENROLLMENT IN GPIDEA M.S. IN DIETETICS
8000700 F ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS ONLY
Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium CREATIVE COMPONENT CREDITS TO THE WAITLIST AT HTTPS://ONLINE.HX WAITLIST Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium EARLY CHILDCARE EDUCATION AND PROGRAMMIN CHILD DEVEL BIRTH-3 E C P 201 3 CREI Prereq: HD FS 102

4004700 G ARRANGED

MEETS: JUNE 2-JULY 3

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS EMAIL GPIDEAINFO@GPIDEA.COM ABOUT ENROLLING Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium **ECOLOGY & EVOLUTIONARY BIOLOGY** 3 CREDITS EXTENDED FIELD TRIP EEB 585B 1 (
Prereq: GRADUATE CLASSIFICATION; EEB 585A;
PERMISSION OF INSTRUCTOR Note: Instructor permission required 1st week.

7859005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction
Field trips & travel fee \$100.00 HEALTH, SAFETY, NUTRI E C P 306 3 CREIN Prereq: HD FS 102

9813700 G ARRANGED MEETS: JUNE 1-AUG 6

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS EMAIL GPIDEAINFO@GPIDEA.COM ABOUT ENROLLING Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium 3 CREDITS PECIAL TOPICS EEB 590 1-3 CRED
Prereq: GRAD CLASSIFICATION AND INSTR PERMISSN
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS 3 CREDITS EEB 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS ECOLOGY, EVOLUTION & ORGANISMAL BIOL SPCL TOPICS ECOLOGY EEOB 590A 1-3 CREI
Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS PRACTICUM I--OBSERV 3 CREDITS SPL TOP EVOLUT BIOL EEOB 590B 1-3 CREDITS
Prereq: 10 CR IN BIOL, INSTRUCTOR PERMISSION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT 2145005 1 ARRANG OMPONENT EEOB 599 1 ARRANGED MEETS: MAY 17-AUG 6 VAR. CREDITS WORKING WTH FAMILIES E C P 323 3 CREDITS 3990700 F ARRANGED

MEETS: MAY 17-AUG 6

Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS

IF SPACE IS AVAILABLE, SEATS WILL BE RELEASED TO STUDENTS ON THE WAITLIST. PLEASE ADD YOUR NAME TO THE WAITLIST AT HTTPS://ONLINE.HS.IASTATE.EDU/WAITLIST EEOB 698 1 CREDIT SEE DEPT FOR REFERENCE NUMBERS SEMINAR RESEARCH EEOB 699 VAR. CREDITS Satisfactory-Fail Only.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS WAITLIST
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
3990705 H ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC H IS RESTRICTED TO GPIDEA STUDENTS
EMAIL GPIDEAINFO@GPIDEA.COM ABOUT ENROLLING
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium **ECONOMICS** PRIN MICROECONOMICS ECON 101 3 CREDITS 3100005 1 ARRANGED MEETS: MAY 17-JULY 9

Note: Course delivery is WWW Section info: http://www.econ.iastate.edu/programs Section info: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
Syllabus: http://www.econ.iastate.edu/programs/course
/defaultcourseinfo.asp
3100010 2 MTWRF 11:00-12:00
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction
Section info: http://www.econ.iastate.edu/programs
/course/defaultcourseinfo.asp
Syllabus: http://www.econ.iastate.edu/programs/syllabus: http://www.econ.iastate.edu/programs/syllabus: http://www.econ.iastate.edu/programs/syllabus: http://www.econ.iastate.edu/programs/syllabus: Tuition Category: GPIDEA Consortium

1710 1 ARRANGED

MEETS: MAY 17-AUG 6

Note: Tuition Category: GPIDEA Consortium

Course delivery is WWW 3990710 DEVLP CURRIC AGE4-8 E C P 413 3 CREDITS
3994700 G ARRANGED

MEETS: MAY 17-JULY 9

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS

IF SPACE IS AVAILABLE, SEATS WILL BE RELEASED TO

STUDENTS ON THE WAITLIST. PLEASE ADD YOUR NAME
TO THE WAITLIST AT HTTPS://ONLINE.HS.IASTATE.EDU/
WAITLIST /Course/defaultcourseinfo.asp
Syllabus: http://www.econ.iastate.edu/programs/course
/defaultcourseinfo.asp
3100700 3 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW WATTLIST Course delivery is WWW Course delivery is WWW Tuition Category: GPIDEA Consortium

ECONOMICS (CONTINUED)

3 CREDITS

PRIN MACROECONOMICS ECON 102
Prereq: ECON 101 RECOMMENDED
3099700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
3099705 2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

COOPERATIVE EDUC ECON 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
Note: Instructor permission required.
4834005 1 ARRANGED LUVAGA E
MEETS: MAY 17-AUG 6

COOPERATIVE EDUC ECON 398 R CRED.

Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; JUNIOR CLASSIFICATION
Note: Permission of adviser required.

4835005 1 ARRANGED LUVAGA E
MEETS: MAY 17-AUG 6 R CREDIT

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

INDEP STUDY HONORS ECON 490H 1-5 CREDITS

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

AG COLLEGE MAJORS MAY USE NO MORE THAN 6 CR OF ECON
490 TOWARD GRADUATION. LAS COLLEGE MAJORS MAY COUNT

NO MORE THAN 9 CREDITS OF ECON 490 TOWARD GRADUATION.

Note: COLLEGE OF AG STUDENTS MAY APPLY NO MORE THAN 6
CREDITS OF ECON 490 TOWARD THE TOTAL CREDITS REQUIRED
FOR GRADUATION. LAS COLLEGE STUDENTS MAY APPLY NO
MORE THAN 9 CR OF ECON 490 TOWARD GRADUATION.

RESTRICTED TO UNIVERSITY HONORS PROGRAM STUDENTS ONLY
Satisfactory-Fail Only. Satisfactory-Fail Only.

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

R CREDIT

COOPERATIVE EDUC ECON 498 R CRED:

Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
Note: Permission of adviser required.

4836005 1 ARRANGED
MEETS: MAY 17-AUG 6

WOHLGEMUTH D WOHLGEMUTH D

MNGRL EC GLOBAL ORG ECON 532 3 CREDITS
Prereq: ECON 101 AND ENROLLMENT IN MBA OR BAS
PROGRAM; NOT FOR ECONOMICS MAJORS
Note: COURSE DEPARTMENT PERMISSION REQUIRED. EMAIL
DLJOHNS@LASTATE.EDU FOR PERMISSION
3128700 1 T 5:50-9:1.0PM WOHLGEMUTH D
R 5:50-9:1.0PM WOHLGEMUTH D
MEETS: JUNE 29-AUG 5
Note: SEC 1 STUDENTS WILL MEET FF ON TUESDAYS
AND THE LAST THURSDAY ON 8/5/21. ADDITIONAL
ONLINE COMPONENT EACH WEEK.
Department permission required.
Course delivery is Hybrid (Online and F2F)
Taught at, in or by DES MOINES

SPECIAL TOPICS ECON 590 SPECIAL TOPICS ECON 550 E 5 CAL-Satisfactory-Fail Only. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ECON 599 CREATIVE COMPONENT 1- 5 CREDITS Satisfactory-Fail Only.

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

ECON 690 ADVANCED TOPICS 1- 5 CREDITS Satisfactory-Fail Only.

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

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

#### **EDUCATION**

NATURE OF SCIENCE EDUC 347 3 CREDITS

Prereg: ADMISSION TO THE EDUCATOR PREPARATION
PROGRAM (SECONDARY SCIENCE EDUCATION) OR PERMISSION
OF INSTRUCTOR
8267005 1 MTWRF 9:00-12:00 BAHNG E
MEETS: MAY 17-JUNE 4
Note: Course delivery is WWW

RDG&LANG ARTS K-3RD EDUC 377 4 CREDITS

Prereq: ADMISSION TO EDUC PREP PROGRAM. EDUC 245,
 SP ED 250, HD FS 240 (ECE MAJ); CONCURRENT ENROLLMENT
 IN EDUC 405, EDUC 448, EDUC 468A, AND EDUC 468C (EL
 ED MAJ); OR EDUC 438, EDUC 468F, EDUC 468G, SP ED 368
 Note: COURSE RESTRICTED TO EL ED AND ECE MAJORS
 WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY
 TEACHER EDUCATION PROGRAM. TAKE CONCURRENTLY
 WITH 468A,448,468C.

2066005 1 MTWR 8:00-11:40 CLINE J
 MEETS: MAY 10-JUNE 4

Note: Course delivery is WWW RDG&LANG ARTS K-3RD

EDUCATION (CONTINUED)

RDG&LANG ARTS 4TH-6 EDUC 378 4 CREDITS

Prereq: EDUC 377; CONCURRENT ENROLLMENT IN

EDUC 449, EDUC 468B, EDUC 468D, AND EDUC 443;

ADMITTED TO EDUCATOR PREPARATION PROGRAM

Note: EL ED MAJORS TAKE CONCURRENTLY WITH 468D, 378, 468B

ECE MAJORS TAKE CONCURRENTLY WITH C 1 468D, 468B, 468R.

RESTRICTED TO EL ED AND ECE MAJORS WITH FULL OR

TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER

EDUCATION PROGRAM.

2078005 1 MTWR 8:00-11:40 NORRIS E

MEETS: MAY 10-JUNE 4

Note: Course delivery is WWW

SOC JUSTC ED:ECE&EL EDUC 405 3 CREDITS
Prereq: EDUC 201, EDUC 332, JUNIOR
CLASSIFICATON, ADMISSION TO EDUCATOR PREPARATION
PROGRAM; CONCURRENT ENROLLMENT IN EDUC 377,
EDUC 448, EDUC 468A, AND EDUC 468C
Note: Meets U.S. diversity requit
8300005 1 MTWR 2:30-5:00 HARGRAVE C
MEETS: JUNE 7-JULY 2
Note: Course delivery is WWW

Note: Course delivery is WWW

SOCIAL JUSTC ED:SEC EDUC 406 3 CREDITS
Prereq: EDUC 201 OR EDUC 202, EDUC 332 OR EDUC
333, JUNIOR CLASSIFICATION, ADMISSION TO EDUCATOR
PREPARATION PROGRAM. RESTRICTED TO THOSE ENROLLED IN
SECONDARY AND K-12 EDUCATION PROGRAMS
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION
PROGRAM. FOR STUDENTS IN SECED.
Meets U.S. diversity reqmt
6292005 1 MTWR 2:30-5:00 CLARK B
MEETS: JUNE 7-JULY 2
Note: Course delivery is WWW

PRIN DISTANCE LEARN EDUC 3 CREDITS Prereq: EDUC 201 OR EDUC 202
4037005 1 M 5:10-7:30PM
ARRANGED
MEETS: MAY 10-JUNE 4
Note: Course delivery is WWW HILLMAN C

TEACHING IA HISTORY EDUC 422
Note: Meets U.S. diversity reqmt
0082005 1 ARRANGED
MEETS: JUNE 7-JULY 9 3 CREDITS SWALWELL K

Note: Course delivery is WWW

PRIN SECONDARY EDUC EDUC 426 3 CREDITS

PRIN SECONDARY EDUC EDUC 426 3 CREDITS
Prereq: SENIOR CLASSIFICATION, ADMITTED TO
EDUCATOR PREPARATION PROGRAM
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
6293005 1 MTWRF 12:00-2:15 LYON C
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW

TCHG OF SOC STUDIES EDUC 443 3 CREDI Prereq: EDUC 377, CONCURRENT ENROLLMENT IN EDUC 378, EDUC 449, EDUC 468B, AND EDUC 468B; ADMITTANCE TO EDUCATOR PREPARATION PROGRAM Note: COURSE RESTRICTED TO EL ED, ECE MAJORS 3 CREDITS

NOTE: COURSE RESIRICIES TO BE ED, ECONY

3258005 1 MTWR 3:00-5:30

MEETS: JUNE 14-JULY 16

Note: Course delivery is WWW

TCHNG CHILDREN MATH EDUC 448 3 CREDITS
Prereq: C- OR BETTER IN MATH 195 AND MATH 196.
CONCURRENT ENROLLMENT IN EDUC 377, EDUC 468A, EDUC
468C, AND EDUC 405; ADMITTED TO EDUCATOR PREPARATION

Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.

MUST BE TAKEN CONCURRENTLY WITH 468C,377,468A.

3260010 1 MTWR 12:30-3:00 HAMOUCHE D

MEETS: MAY 10-JUNE 4

Note: Course delivery is WWW

TEACHING OF SCIENCE EDUC 449 3 CREDIT Prereq: EDUC 377, CONCURRENT ENROLLMENT IN EDUC 378, EDUC 468B, EDUC 468D, EDUC 443.

Note: COURSE RESTRICTED TO EL ED MAJORS ONLY.
MUST BE TAKEN CONCURRENTLY WITH 468D,378,468B.

3261010 1 MTWR 12:30-3:00 CHIZEK L MEETS: MAY 10-JUNE 4

Note: Course delivery is WWW 3 CREDITS

LITERCY&LRNG ASESMT EDUC 452 3 CREDITS Prereq: EDUC 378 OR EQUIVALENT 6584005 1 MTWR 9:00-11:00 ARRANGED

ARRANGED
MEETS: JUNE 7-JULY 9

Note: SEC 1 MEETS JUNE 7 -JULY 9.REGISTER FOR SAME SEC
OF EDUC 488
COURSE delivery is WWW

6584010 2 MTWR 9:00-11:00 LIND L
ARRANGED
MEETS: JUNE 7-JULY 9

Note: SEC 2 MEETS JUNE 7 -JULY 9.REGISTER FOR SAME SEC
OF EDUC 488
Course delivery is WWW

(CONTINUED)

EMERG TOPC EDUC TEC EDUC 454 1- 3 CREDITS

Prereq: EDUC 201 OR EDUC 202

Note: COURSE ONLY OFFERED FOR 1 CREDIT SUMMER 2021

TOPIC: CODING AND ROBOTICS IN EDUCATION

9436005 1 ARRANGED PASKACH D

MEETS: JUNE 7-18 Note: Course delivery is WWW

LITRCY INTGRAT TECH EDUC 456 3 CREDITS

Prereq: EDUC 201 OR EDUC 202; EDUC 377

Note: Department permission required 1st week.

3257005 1 MTWRF 1:30-4:30 PETTY S

ARRANGED

MEETS: JUNE 14-JULY 16

Note: Course delivery is WWW

EDUCATION

CRIT APPRCH CH LIT EDUC 459 3 CREDITS
Prereq: ADMISSION TO TEACHER EDUCATION PROGRAM;
EDUC 377; CREDIT OR CONCURRENT ENROLLMENT IN EDUC 378
0029005 1 MTWR 9:00-12:00 CROSBY S
MEETS: MAY 10-JUNE 4

Note: Course delivery is www
0029010 2 MTWR 9:00-12:00 PEREZ S
MEETS: MAY 10-JUNE 4

Note: Course delivery is www

EXP III:PG RDG&LANG EDUC 468A 1 CREDIT Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUC PROGRAM. TAKE CONCURRENTLY WITH 377,448,468C. Satisfactory-Fail only.

3265005 1 MTWRF 7:30-12:30 BOECKMAN J MEETS: JUNE 7-25

Note: Professional support, field trips &/or travel fee \$50.00

EXP III:IG RDG&LANG EDUC 468B 1 CREDIT Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM Note: RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUC PROGRAM. TAKE CONCURRENTLY WITH 378,449,468D.

Satisfactory-Fail Only.

3266005 1 MTWRF 7:30-12:30 BOECKM
MEETS: JUNE 7-25
Note: Professional support, field trips &/or travel fee \$50.00 BOECKMAN J

EXP III:PRIMRY MATH EDUC 468C 1 CREDIT Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. MUST BE TAKEN CONCURRENTLY WITH

448,377.
Satisfactory-Fail Only.
3267005 1 MTWRF 7:30-12:30 BOECKMA
MEETS: JUNE 7-25
Note: Professional support, field trips &/or
travel fee \$50.00 BOECKMAN J

EXP III: INT GRD SCI EXP III:INT GRD SCI EDUC 468D 1 CREDIT Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM Note: COURSE RESTRICTED TO EL ED MAJORS WITH FULL OR TENTATIVE ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM. CONCURRENTLY WITH 449,378,468B. Department permission required 1st week. Satisfactory-Fail Only.

3268005 1 MTWRF 7:30-12:30 BOECKMAN J MEETS: JUNE 7-25
Note: Professional support, field trips &/or travel fee \$50.00 EDUC 468D 1 CREDIT

EXP II:READ ENDORSE EDUC 468R II:READ ENDORSE EDUC 468R 1 CREDIT
Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM;
CONCURRENT ENROLLMENT IN EDUC 378
Note: RESTRICTED TO STUDENTS WITH FULL OR TENTATIVE
ADMISSION TO THE UNIVERSITY TEACHER EDUCATION PROGRAM
Department permission required 1st week.
Satisfactory-Fail Only.
005 1 ARRANGED BOECKMAN J
MEETS: JUNE 7-25

4300005

SUPVS TUTOR READING EDUC 488 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN OR COMPLETION
OF ONE COURSE IN CORRECTIVE READING; DIAGNOSIS AND
CORRECTION OF READING PROBLEMS
9461005 1 MTWR 11:00-1:00 LIND L
APPANGED

1005 1 MTWR 11:00-1:00 LIND L
ARRANGED
MEETS: JUNE 7-JULY 9

Note: SEC 1 REGISTER FOR SAME SEC OF EDUC 452
Course delivery is WWW
Materials and equipment use fee \$25.00

1010 2 MTWR 11:00-1:00 LIND L
ARRANGED
MEETS: JUNE 7-JULY 9

Note: SEC 2 REGISTER FOR SAME SEC OF EDUC 452
Course delivery is WWW
Materials and equipment use fee \$25.00

(CONTINUED) EDUCATION

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

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

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

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

IND STU DIGITL LRNG EDUC 490G 1-3 CREDITS

Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS EDUC 490H 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STU SOC&CULTURL EDUC 490J 1-3 CREDITS

Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

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

IND STU LITERACY ED EDUC 490L 1-3 CREDITS

Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

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

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

IND STU WORLD LANGU EDUC 490N 1-3 CREDITS
Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY FOUND EDUC EDUC 4900 1-3 CREDITS

Prereq: GPA OF 2.5 OR MORE FOR PRECEDING SEMESTER

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

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

CEACHNG MATH TO ELL EDUC 502 3 CREDIT

Prereq: DEGREE STUDENTS: EDUC 448 OR EDUC 497 OR

EDUC 597. NON-DEGREE STUDENTS AND IN-SERVICE

TEACHERS: CLASSROOM TEACHING EXPERIENCE.

0084005 1 ARRANGED I J

MEETS: JUNE 21-JULY 30

Note: Course delivery is WWW TEACHNG MATH TO ELL 3 CREDITS

TCHNOL IN TEACH&LRN EDUC 505
Prereq: GRADUATE CLASSIFICATION
2796005 1 MTWRF 12:00-2:00
MEETS: JUNE 7-JULY 2
Note: Course delivery is WWW 3 CREDITS

PRIN DISTANCE LEARN EDUC 507
Prereq: EDUC 501
4384005 1 M 5:10-7:30PM
ARRANGED
MEETS: MAY 10-JUNE 4
Note: Course delivery is WWW

ALGEBRA K-12 CLSRMS EDUC 508 3 CREDIT Prereq: 6 CREDITS OF MATH; CREDIT OR ENROLLMENT IN EDUC 448 OR EDUC 497 OR EDUC 597 7172005 1 MTWRF 9:00-12:00 I J ARRANGED MEETS: MAY 10-JUNE 6 Note: Course delivery is WWW

TECNOL DIFFUS, LEADR EDUC 511 3 CREDITS

Prereq: ADMISSION TO GRADUATE STUDY, 501 OR EQUIV

AND 505 OR EQUIVALENT

8373005 1 W 6:00-9:00PM GLEASON B

MEETS: JUNE 9-30

Note: SEC 1 MEETS 6/9, 6/16, 6/23 & 6/30

Instructor permission required.

Course delivery is WWW

INTR TCH&LRN MTH&SC EDUC 521X Prereq: ADMISSION INTO GRADUATE SECONDARY
MATHEMATICS OR SCIENCE EDUCATION
0960005 1 MW 1:00-4:00 JACK
MEETS: MAY 10-JUNE 2
Note: Course delivery is WWW

JACKSON C

EDUCATION (CONTINUED)

TEACHING IA HISTORY EDUC 522 Note: Meets U.S. diversity reqmt

0083005 1 ARRANGED

MEETS: JUNE 7-JULY 9

Note: Course delivery is WWW

SWALWELL K

3 CREDITS

PRIN SECONDARY EDUC EDUC 526 3 CR Prereq: SENIOR CLASSIFICATION, ADMISSION TO 3 CREDITS

7724005 1 MTWRF 12:00-2:15
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW

E OF SCIENCE EDUC 547 3 CREDITS Prereq: ADMISSION TO THE EDUCATOR PREPARATION PROGRAM (SECONDARY SCIENCE EDUCATION) OR PERMISSION NATURE OF SCIENCE

7717005 1 MTWRF 9:00-12:00
MEETS: MAY 17-JUNE 4
Note: Course delivery is WWW

CORRECTIVE READING EDUC 552 3 CREDITS

Prereq: EDUC 378 OR EQUIVALENT

3276005 1 MTWR 9:00-11:00 LIND L

ARRANGED

MEETS: JUNE 7-JULY 9

Note: SEC 1 MEETS JUNE 7-JULY 9.REGISTER FOR SAME SEC

OF EDUC 488

Course delivery is WWW

3276010 2 MTWR 9:00-11:00 LIND L

ARRANGED

MEETS: JUNE 7-JULY 9

Note: SEC 2 MEETS JUNE 7-JULY 9

Note: SEC 2 MEETS JUNE 7-JULY 9.REGISTER FOR SAME SEC

OF EDUC 488

Course delivery is WWW

Course delivery is WWW

TCHNOL IN READ&LANG EDUC 556 3 CREDITS Prereq: TEACHING LICENSE

1285005 1 MTWRF 1:30-4:30

ARRANGED

MEETS: JUNE 14-JULY 16

Note: Course delivery is WWW

CRIT APPRCH CH LIT EDUC 559 3 CREDITS

Prereq: ADMITTED TO EDUCATOR PREPARATION PROGRAM;

EDUC 377; CREDIT OR CONCURRENT ENROLLMENT IN EDUC 378

1672005 1 MTWR 9:00-12:00

MEETS: MAY 10-JUNE 4

Note: Course delivery is WWW

1672010 2 MTWR 9:00-12:00

MEETS: MAY 10-JUNE 4

Note: Course delivery is WWW

STUDI FOUND ED U.S. EDUC 580 3

Prereq: ADMITTED TO EDUCATOR PREPARATION
0187005 1 MTWR 7:30-10:50 TANG
MEETS: JUNE 7-JULY 9

Note: Course delivery is WWW 3 CREDITS TANCHUK N

SUPVS TUTOR READING EDUC 588 3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN EDUC 552 OR
COMPLETION OF ONE COURSE IN CORRECTIVE READING;
DIAGNOSIS AND CORRECTION OF READING PROBLEMS; 3 CREDITS

DIAGNOSIS AND CORRECTION OF READING PROBLEMS
GRADUATE STATUS
9245005 1 MTWR 11:00-1:00 LIND L
ARRANGED
MEETS: JUNE 7-JULY 9
Note: SEC 1 REGISTER FOR SAME SEC OF EDUC 552
Course delivery is WWW
Materials and equipment use fee \$25.00
9245010 2 MTWR 11:00-1:00 LIND L
ARRANGED
MEETS: JUNE 7-JULY 9
Note: SEC 2 REGISTER FOR SAME SEC OF EDUC 552
Course delivery is WWW
Materials and equipment use fee \$25.00

SPCL TOP CURRICULUM EDUC 590A 1-3 CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP EDUC TECHNO EDUC 590B 1-3 CREI
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

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

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

SP TOP SOC&CULTURAL EDUC 590F 1-3 CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

(CONTINUED) EDUCATION

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

SPCL TOPICS ELEM ED EDUC 5901 1-3 CREI
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PL TOP WORLD LANGU EDUC 590J 1-3 CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS SPL TOP WORLD LANGU

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

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

WRKSHP SOC&CULTURAL RKKSHP SOC&CULTURAL EDUC 593F 1Prereq: 9 GRADUATE CREDITS IN EDUCATION
2815005 1 MW 1:00-4:00 BRI
ARRANGED
MEETS: JUNE 21-JULY 23
Note: SEC 1 OFFERED FOR 3 CREDITS BRUNA K

Course delivery is WWW

ORKSHOP MATH EDUC EDUC 593G 1- 3
Prereq: 9 GRADUATE CREDITS IN EDUCATION
1880005 1 ARRANGED 1 0
MEETS: JUNE 21-JULY 30 WORKSHOP MATH EDUC 1- 3 CREDITS

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

CR CMP EDUC TECHNOL EDUC 599B 1-3 CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

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

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

CR CMP SOC&CULTURAL EDUC 599F 1-3 CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 3 CREDITS

CRTV COMP MATH EDUC EDUC 599G 1- 3 CREDITS

Prereq: 9 GRADUATE CREDITS IN EDUCATION

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

EDUC 599I CRTV COMPON ELEM ED Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

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

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

ADV SPCL TOP CURRIC EDUC 690A VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SP TOP EDUC TEC EDUC 690B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SCI ED EDUC 690C VAR. CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPCL TOP SEC ED EDUC 690D VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ADV SPCL TOP SEC ED

ADV TOP SOC&CULTURL EDUC 690F VAR. CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV SPL TOP MATH ED EDUC 690G VAR. CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

ADV SPL TP WRL LANG EDUC 690J VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

(CONTINUED) EDUCATION

ADV SPL TOP ED PSYC EDUC 690K VAR. CREDITS Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

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

RICULUM EDUC 699A VAR. CRE 9 GRADUATE CREDITS IN EDUCATION SEE DEPT FOR REFERENCE NUMBERS RESEARCH CURRICULUM CREDITS Prereq: 9

RESRCH EDUC TECHNOL EDUC 699B VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH SCIENCE EDUC EDUC 699C VAR. CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

RESRCH SECNDRY EDUC EDUC 699D VAR. CRE Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESRCH SECNDRY EDUC

RESRCH SOC&CULTURAL EDUC 699F VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

ESEARCH ELEM EDUC EDUC 6991 VAR. CREI Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH ELEM EDUC CREDITS

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

RESRCH EDUC PSYCHOL EDUC 699K VAR. CREDITS Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

RESRCH SOC STUDI ED EDUC 699L VAR. CREDITS
Prereq: 9 GRADUATE CREDITS IN EDUCATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ESRCH LITERACY ED EDUC 699M VAR. CRE Prereq: 9 GRADUATE CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESRCH LITERACY ED

#### EDUCATIONAL ADMINISTRATION

PRINCIPAL LEADRSHIP EDADM 552 3 CREDITS PRINCIPAL LEADRSHIP EDADM 552 3 CREDITS

Prereq: EDADM 541

3281700 1 W 5:30-8:30PM MICICH A

R 5:30-8:30PM MICICH A

S 8:00-4:00 MICICH A

ARRANGED

MEETS: MAY 12-AUG 5

Note: SEC 1 THE ONLINE MEETING TIMES ARE ASYNCHRONOUS

ON CANVAS. ON CANVAL.

MEETING DATES MAY 12, 13,19,20, JUNE 12,16,17,30,
JULY 1,7,8,21,22, AUG 4,5
Course delivery is WWW

SPECIAL TOPICS EDADM 590 1- 4 CREDITS Prereq: 9 CREDITS IN EDUCATION
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

FLD EXP ELEM PRINCI EDADM 591A 1- 6 CRED Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S 1- 6 CREDITS

APPROVAL
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

1- 6 CREDITS FLD EXP SECOND PRIN EDADM 591B 1- 6 CRED Prereq: EDADM 541, ADMISS TO PROGRAM & INSTR'S APPROVAL

SEE DEPT FOR REFERENCE NUMBERS

3 CREDITS

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

DISSERTATN RESEARCH EDADM 699 VAR. CREDITS
Prereq: 9 CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

### **EDUCATIONAL LEADERSHIP & POLICY ST**

50

SOC JUSTC FIELD EXP EL PS 591 1- 3 CREDITS Prereq: EL PS 620

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

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

DECOLONIZING PRAXIS EL PS 622 3 C
Prereq: EL PS 620
8901700 1 ARRANGED STEWA
MEETS: MAY 17-JUNE 28
Note: SEC 1 VIDEO STREAMING FROM 1-5 PM ON
TUESDAYS
Course delivery is WWW 3 CREDITS STEWART T

SCHLR PRAC RSRCH&IN EL PS 654X 3 CREDIT Prereq: GRADUATE STANDING AND ADMISSION TO ED.D. 3 CREDITS

Prefered. GRADORE STANDING AND ADMIS
PROGRAM
0716005 1 F 5:30-9:30PM
S 8:00-4:00
MEETS: MAY 21-JUNE 19
Note: Course delivery is WWW WIECZOREK D

DISSRTATN PRAC SMNR DISSRTATN PRAC SMNR EL PS 657X 1-3
Prereq: ADMISSION TO ED.D DEGREE PROGRAM
0961005 1 ARRANGED
MEETS: JUNE 1-30
Note: Course delivery is WWW 1- 3 CREDITS

#### **ELECTRICAL ENGINEERING**

ELECTRIC CIRCUITS E E 201 4 CREDITS
Prereq: CR OR ENROLLMENT IN MATH 267 AND PHYS 222
Note: CREDIT FOR EITHER E E 201 OR E E 442, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
2120005 1 MTWRF 1:20-2:20
MW 8:00-11:00
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction

ELECTRON CIRCTS&SYS EΕ

230 

ELECTROMG FLD&WAVES E E 311 4 CRED Prereq: E E 201, MATH 265, PHYS 222, CREDIT OR ENROLLMENT IN MATH 267
2889700 1 ARRANGED MEETS: MAY 17-AUG 6

Note: Course delivery is WWW

SUMMER INTERNSHIP E E 396 R CREDIT OMMER INTERNSHIP E E 390 K CREDIT
Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING
CAREER SERVICES
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUC E E 398 R CREDIT Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING

CAREER SERVICES
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY HONORS 490H VAR.

Prereq: SENIOR CLASSIFICATION IN ELECTRICAL ENGR
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required 1st week.

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

SPL TOP ELECMAG THY E E 590A 1-6 CREI \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CONTROL SYS E E 590B 1-6 CREI \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IN SYS E E 590C 1-6 CREDITS SEE DEPT FOR REFERENCE NUMBERS SPL TOP COMMUN SYS

R ENGR E E 590E 1-6 CRE SEE DEPT FOR REFERENCE NUMBERS SPL\_TOP\_COMPTR\_ENGR 1- 6 CREDITS

1ST SS 2021 ELECTRICAL ENGINEERING (CONTINUED) ENGINEERING MECHANICS (CONTINUED) PECIAL TOPICS E M 690S 1- 6 CREI Prereq: PERMISSION OF INSTRUCTOR NOTE: Instructor permission required. \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL\_TOP\_ELECTRC\_PWR RC PWR E E 590F 1-6 CRE SEE DEPT FOR REFERENCE NUMBERS 590F 1- 6 CREDITS SPECIAL TOPICS 1- 6 CREDITS SPL TOP ELEC MATRLS E E 590G 1-6 CREDITS
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS ENGINEERG INTERNSHP E M 697 R CREDI' Prereq: PERMISSION OF DOGE, GRAD CLASSIFICATION Satisfactory-Fail Only. 8134005 1 ARRANGED MEETS: MAY 17-AUG 6 697 ENGINEERG INTERNSHP SP TOP EL DEVIC&CIR E E 590H 1-6 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP SIGNL PROCS E E 5901 1-6 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS E M 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESEARCH PONENT E E 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT **ENGLISH** ENGINEERG INTERNSHP E E 697 ENGLISH NONNATIV II ENGL 101C 3 CREDITS

Prereq: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN

VARIOUS SECTIONS DETERMINED BY EXAMINATION

Note: ENGL 101C DOES NOT APPLY TOWARD GRADUATION

3295700 1 ARRANGED NEIRIZNAGHADEHI

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW Satisfactory-Fail only.
5716005 1 ARRANGED

MEETS: MAY 17-AUG 6

Note: Department permission required. 699 VAR. RESEARCH SEE DEPT FOR REFERENCE NUMBERS **ENGINEERING** ENGLISH NONNATIV II ENGL 101D 3 CREDITS Prereg: RECOMMENDATION OF ENGL DEPT; PLACEMENT IN 3 CREDITS VARIOUS SECTIONS DETERMINED BY EXAMINATION
Note: COURSE RESTRICTED TO GRADUATE STUDENTS ONLY.
ENGL 101D DOES NOT APPLY TOWARD GRADUATION.
3296700 1 ARRANGED NEIRIZNAGHAL
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW CAREER&EMPLOY PREP ENGR 203X 1 CREDIT Satisfactory-Fail Only.

0744700 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW NETRIZNACHADEHI **ENGINEERING MECHANICS** CRITCL THINK&CMUNIC ENGL 150 3
Prereq: CONCURRENT ENROLLMENT IN LIB 160
IS RECOMMENDED
Note: CONCURRENT ENROLLMENT IN LIB 160 IS 3 CREDITS MECHAN OF MATERIALS E M 324 3 CREDITS NO OF MAILERIALS E M 324 3 CREDITS
Prereg: E M 274
Note: CREDIT IN MAT E 319X, OR THE E M 274 AND E M 324
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION Note: CONCURRENT ENROLLMENT IN LIB
RECOMMENDED.

3298005 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

3298010 2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

3298700 3 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

3298705 4 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

3298705 4 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW BAGHESTANI S ZARECHNYY O FAY-STINDT Z ZARECHNYY O WEBER J NDEPENDENT STUDY E M 490 VAR. CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY VAR. CREDITS HALEAS P OPC THIN FILMS E M 590H 1- 4 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOPC THIN FILMS 1- 4 CREDITS LING APPRCH TABOO ENGL 169X 0957700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS BARRIUSO T Note: Course delivery is WWW

WRIT,ORAL,EL COMPOS ENGL 250 3 CREDITS
Prereq: ENGL 150 OR EXEMPTION FROM ENGL 150;
CREDIT FOR OR CONCURENT ENROLLMENT IN LIB 160
3299005 1 ARRANGED TOLEDO-PARADA C

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW
3299010 2 ARRANGED NUTTALL C
MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW
3299015 3 ARRANGED MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW
3299700 4 ARRANGED LABOVICH T
MEETS: MAY 17-JULY 9

Note: Course delivery is WWW
3299705 5 ARRANGED RIDDELL M
MEETS: MAY 17-JULY 9

Note: Course delivery is WWW
3299710 6 ARRANGED RIDDELL M
3299710 6 ARRANGED RIDDELL M
MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW
3299710 6 ARRANGED RIDDELL M
MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW
3299710 6 ARRANGED RILEY E

Note: Course delivery is WWW
3299710 6 ARRANGED RILEY E

Note: Course delivery is WWW
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NOTE: COURSE MEDITS WWW
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3299710 6 ARRANGED RILEY E

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3299710 6 ARRANGED RILEY E

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NOTE: COURSE RILE PL TOP CELULR MDIA E M 5901 1-4 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP CELULR MDIA 1- 4 CREDITS CIAL TOPICS E M 590J 1- 4 CRE Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS 1- 4 CREDITS CREATIVE COMPONENT E M 599 VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS SPL TOP ADV EXP MTH E M 690N 1-6 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS SP TOP ADV WAV PROP E M 6900 1- 6 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS BUSINESS COMMUNICAT ENGL 302 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIOR & SENIORS.
ON-CAMPUS SECT WILL MEET TWO DAYS EACH WEEK IN A
COMPUTER LAB. EXCUDING WWW SEC.

3314005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is www
3314010 2 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is www
3314015 3 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is www
3314015 3 ARRANGED
MEETS: MAY 17-JULY 9
DAWSON J
MEETS: MAY 17-JULY 9 SPL TOP ADV MATERLS E M 690P 1-6 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS SP TOP ADV COMP MTH E M 690Q 1-6 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS PL TOP RELIAB&FAIL E M 690R 1- 6 CRE Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP RELIAB&FAIL 690R 1- 6 CREDITS Course delivery is WWW
3 ARRANGED
MEETS: MAY 17-JULY 9
Course delivery is WWW
4 ARRANGED
MEETS: MAY 17-JULY 9
Course delivery is WWW
5 ARRANGED
MEETS: MAY 17-JULY 9
Course delivery is WWW
6 ARRANGED
MEETS: MAY 17-JULY 9
Course delivery is WWW
7 ARRANGED
MEETS: MAY 17-JULY 9
MEETS: MAY 17-JULY 9 3314700 DAWSON J

Note: 3314705

Note: 3314715

MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

ROBINSON-ADAMS S

WILKINS K

WILKINS K

1ST SS 2021 52 ENGLISH (CONTINUED) ENGLISH (CONTINUED) HIST OF CHILD'S LIT ENGL 393
Prereq: ENGL 250
8391700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW BUSINESS COMMUNICAT 3314720 8 ARRANGI ENGL 302 3 CREDITS 3 CREDITS RUDEN K YAGER S MEYER N CR WRIT WKSHP:FICTN 3 CREDITS R WRIT WASHF-FICIN BROWN Prereq: ENGL 304
3353005 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW MEYER N ZIMMERMAN D CLARK C INTERN BUS, PRO COMM ENGL 3 CREDITS N BUS,PRO COMM ENGL 487 1-3 CREDITS
Prereq: JUNIOR CLASSIF; PERMISSN OF COORDINATOR;
9 CR IN ENGL 302, ENGL 309, ENGL 313, ENGL 314, ENGL
415 (PREFERRED), ENGL 416, OR ENGL 477.
Note: Department permission required.
005 1 ARRANGED BETCHER G
MEETS: MAY 17-AUG 6 ALLAIRE N MURPHY A 9099005 STDY LITERATURE ENGL 490A VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO LITERATURE, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission MITRPHY A IND STDY LITERATURE TCHAPRAZOV S TCHAPRAZOV S Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ROBINSON-ADAMS S IND STU LINGUISTICS ENGL 490B VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO LINGUISTICS, JR CLASSIFICATION, PERMISSION OF
UNDERGRAD STUDIES COMMITTEE OR LINGUISTICS ADVISER
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.

\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS KRUESEL C CREAT WRITING:FICTN ENGL 304 3 CREDITS
Prereq: ENGL 250, NOT OPEN TO FRESHMEN
Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE
3316005 1 ARRANGED ZIMMERMAN D
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW STDY RHETORIC ENGL 490C VAR. CREDIT Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE TO RHETORIC, JR CLASSIFICATION, PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE INDEP STDY RHETORIC PROPOSL&RPRT WRITNG ENGL 309 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIORS & SENIORS
8089700 1 ARRANGED GASIOR Z
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8089705 2 ARRANGED KEMP M
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8089715 3 ARRANGED CROMPTON E
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8089720 4 ARRANGED TAYLOR J
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU CRITICI LIT ENGL 490D VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO CRITICISM & THEORY OF LIT, JR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department permission required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU INSTRUC MTH ENGL 490E VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO INSTRUCTIONAL METHODS AND RESEARCH, JUNIOR
CLASSIFICATION, PERMISSION OF UNDERGRAD STUDIES COMM
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION
Department of the property of the control TECHNICAL COMMUNCTN ENGL 314 3 CREDITS
Prereq: ENGL 250, JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIORS AND ABOVE.
ON-CAMPUS SECTIONS WILL MEET TWO DAYS EACH WEEK IN
A COMPUTER LAB. EXCLUDING WWW SEC

3356005 1 ARRANGED JOHNSON C Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS TU CREATV WRIT ENGL 490F VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO CREATIVE WRITING, JR CLASSIFICATION, PERMISSION
OF UNDERGRADUATE STUDIES COMMITTEE
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION IND STU CREATV WRIT ASCOLI S BURMEISTER B Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS BURMEISTER B IND STU BUS/TCH CMM ENGL 490G VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO BUSINESS/TECHNICAL COMMUNICATION, JR CLASSIFICATN,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE ALBERHASKY M Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED TOWARD GRADUATION

Department permission required.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ALBERHASKY M WHITE C INDEP STUDY HONORS ENGL 490H VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO INDEP STUDY TOPIC CHOSEN, JUNIOR CLASSIFICATION,
PERMISSION OF UNDERGRADUATE STUDIES COMMITTEE,
MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF ENGL 490 MAY BE APPLIED
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM
STUDENTS ONLY.
Department permission required DEWALL B DEWALL B SPEARS B Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPEARS B ACAD PUBLCTN WRITNG ENGL 508 3 CREDITS

Prereq: 6 GRADUATE CREDITS

5107005 1 TR 6:00-9:20PM KOSTELNICK C

MEETS: MAY 17-JUNE 25

Note: Course delivery is On-site instruction ASCOLI S

1ST SS 2021 53

(CONTINUED)

LANGU ASSESS PRACTM ENGL 513 3 CREDITS JANGU ASSESS FRACTIVA Prereq: ENGL 519 8728005 1 ARRANGED MEETS: MAY 17-AUG 6 OCKEY G

ENGLISH

ENVIRON FIELD EXPER ENGL 560 3 CREDITS
Prereq: ENGL 550, GRAD CLASSIFICATION. OPEN TO
GRAD STUDENTS OUTSIDE MFA IN CREATIVE WRITING AND ENVIRONMENT WITH PERMISSION OF INSTRUCTOR.
8229005 1 ARRANGED MARQUART D
MEETS: MAY 17-AUG 6

Note: Instructor permission required.

INTERN BUS, PRO COMM ENGL 587 1-3 CREDITS

Prereq: 3 GRAD CREDITS IN BUSINESS AND TECHNICAL

WRITING OR COMPOSITION AND RHETORIC, PERMISSION OF

INSTRUCTOR. LIMITED TO MASTER'S AND DOCTORAL DEGREE

CANDIDATES IN FIELD OF RHETORIC AND PRO COMMUNICATION

Note: Instructor permission required.

3425005 1 ARRANGED BETCHER G

MEETS: MAY 17-AUG 6 INTERN BUS, PRO COMM

SUPV PRACT LIT EDIT ENGL 589 1-3 CREDITS
Prereq: ENGL 550 AND PERMISSION OF INSTRUCTOR
7611005 1 ARRANGED MARQUART D
MEETS: MAY 17-AUG 6 Note: Instructor permission required.

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

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

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

P TOP RHE&PRO COMM ENGL 590E VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDGE ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SP TOP RHE&PRO COMM

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

SPL TP APP LING&TEC ENGL 590G VAR. CREDITS
Prereq: PERMISSION OF THE DIRECTOR OF GRADUATE
EDUC ACCORDING TO GUIDELINES AVAILABLE IN DEPT OFFICE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ENGL 599 3 CRED
Prered: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
\*\*\*\*\*\*\* SEE DEDT FOR -CREATIVE COMPONENT

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

### **ENTOMOLOGY**

ENTOMOLOGY FIELD TR ENT 435X 2 CREDIT Prereq: BIOL 312 OR EQUIVALENT AND PERMISSION OF INSTRUCTOR; ENT 370 OR ENT 425 OR EQUIVALENT 2 CREDITS RECOMMENDED

0539005

RECOMMENDED

(005 1 ARRANGED COURTNEY G

MEETS: JUNE 20-JULY 3

Note: SEC 1 ENTOMOLOGY FIELD TRIP. SPECIAL COURSE FEE \$900 INCLUDES: ROUND-TRIP TRANSPORTATION FROM AMES TO NREM FRENCH CONSERVATION CAMP IN MONTANA, ROOM & BOARD. TUITION IS EXTRA.
Course delivery is On-site instruction
Equipment use and field trips & travel fee \$900.00

ND STU RESRCH/WORK ENT 490E 1-3 CREDITS
Prereq: 15 CR IN BIOL SCI, JR OR SR CLASSIF
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
TOWARD GRADUATION
Instructor permission required 1st week.
\*\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS IND STU RESRCH/WORK

IND STDY LAB TEACHG ENT 490U 1-3 CREDITS
Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES, JUNIOR
OR SENIOR CLASSIFICATION. FOR STUDENTS REGISTERING TO
BE UNDERGRADUATE LABORATORY ASSISTANTS.
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE USED
TOWARD GRADUATION
INSTRUCTOR PROPRIES OF A PROPRIES OF 15 TO 15 TO

Instructor permission required 1st week.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENTOMOLOGY (CONTINUED)

PL SCI XTNSN&OUTRCH ENT 581X 1 CRI 0857005 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction 1 CREDIT

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

SP TOP ECO&PEST MGT ENT 590C 1-3 CRED Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SP TOP EVOL&SYSTMAT ENT 590D 1-3 CRED Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 590D 1- 3 CREDITS

PL TOP RSRCH TOPCS ENT 590E 1-3 CREI Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP RSRCH TOPCS

SPL TOP MEDICAL&VET ENT 590F 1-3 CREI Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

ENT 590G SPL TOPIC MOLECULAR Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

SPL TOPC TOXICOLOGY ENT 5901 1-3 CRED Prereq: 15 CREDITS IN BIOLOGICAL SCIENCES \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

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

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

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

IAR ENT 600 1 CRE 1005 1 M 3:40-4:50 COURTNE MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction 1 CREDIT COURTNEY G SEMINAR

ENT 699 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS RESEARCH \*\*\*\*\*

# **ENTREPRENEURSHIP**

ENTREPRENRSHP& INNOV ENTSP 310 3 CREDITS Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE RESTRICTED TO UNDERGRAD MAJORS OTHER Note: COURSE RESTRICTED TO UNDERGO.

THAN P BUS.

0020005 1 ARRANGED

MEETS: MAY 17-JUNE 25

Note: Course delivery is WWW MUELLER B

## ENVIRONMENTAL ENGINEERING

ENV E 396X SUMMER INTERNSHIP R CREDIT UMMBER INTERNSHIP ENV E 390% R CREDIT Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES Satisfactory-Fail Only. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### ENVIRONMENTAL SCIENCE

ECO&ENVIRON SCI GIS ENSCI 370 1- 6 CREDI Prereq: 6 CREDITS IN BIOLOGICAL AND/OR PHYSICAL SCIENCES; PERMISSION OF INSTRUCTOR 1- 6 CREDITS

SCIENCES; PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.

4002005 1 ARRANGED LU C
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction
4002010 2 ARRANGED LU C
MEETS: MAY 17-AUG 6
Note: SEC 2 OFFERED FOR 3 CREDITS
Course delivery is On-site instruction

Course delivery is On-site instruction

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

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

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1ST SS 2021
 ENVIRONMENTAL SCIENCE
                                                                                          (CONTINUED)
       NDEPENDENT STUDY ENSCI 490 VAR. CREI
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF
ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS
     INDEPENDENT STUDY
                                                                                          CREDITS
       IONORS INDEP STUDY ENSCI 490H VAR. CRE
Prereq: INSTRUCTOR PERMISSION, APPROVAL OF
ENVIRONMENTAL SCIENCE COORDINATOR
******* SEE DEPT FOR REFERENCE NUMBERS
     HONORS INDEP STUDY
     SPECIAL TOPICS
                                                    ENSCI 590
                                                                             WAR.
       Prereq: PERMISSION OF MAJOR PROF IN ENVIRONMENTAL
SCIENCE FACULTY
******* SEE DEPT FOR REFERENCE NUMBERS
                                ENSCI 699 VAR. CRE
SEE DEPT FOR REFERENCE NUMBERS
     RESEARCH
ENVIRONMENTAL STUDIES
     ENVIRONMNTL GEOLOGY ENV S 101
3418700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW
                                                                                      3 CREDITS
    GEOLOGICL DISASTERS ENV S 111
9170700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
                                                                                  ANKERSTJERNE S
     INTR RENEW RESOURCS ENV S 120
5141700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
                                                                                  3 CREDITS
SKRYNNIKOVA L
     ENVIRONMNTL BIOLOGY ENV S 173
2022700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW
                                                                                  3 CREDITS PLEASANTS J
     WORLD FOOD ISSUES
                                                   ENV S 342
                                                                                     3 CREDITS
       NORLD FOOD ISSUES ENV S 342 3 CREI
Prereq: JUNIOR CLASSIFICATION
Note: Meets international perspectives reqmt
1733700 1 ARRANGED ANDREWS
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW
Cmptr reqmt: https://www.agonline.iastate.edu
                   /resources/computer-requirements
    INTERNSH ENVIR STDI ENV S 390 VAR. CREI
Prereq: APPROVAL OF THE ENV S COORDINATOR
Satisfactory-Fail Only.
****** SEE DEPT FOR REFERENCE NUMBERS
                                                                                         CREDITS
    INDEPENDENT STUDY ENV S 490 VAR. CREDIT Prereq: PERMISSION OF INSTRUCTOR AND APPROVAL OF ENV S COORDINATOR SEE DEPT FOR REFERENCE NUMBERS
EVENT MANAGEMENT
     INTRO EVENT MANAGMT EVENT 171
6726005 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW
                                                                                      3 CREDITS
     CREDITS
     IND STDY SPCL EVNTS
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ND STDY SPCL EVNTS EVENT 490C VAR. CREI Prereq: APPROVAL OF PROGRAM COORDINATOR Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STUDY EVENT MGT EVENT 490D VAR. CREI Note: NO MORE THAN 9 CREDITS OF EVENT 290 AND EVENT 490 MAY BE APPLIED TOWARD GRADUATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

THY&RSRCH SEM: EVENT EVENT 634 4704005 1 M 5:30-8:30PM MEETS: MAY 17-AUG 6 Note: Course delivery is WWW 3 CREDITS

## **EXCHANGE PROGRAM**

EXCH NCU-TAIWAN EXPRO 304H VAR. CREDITS Note: Department permission required. 8926010 2 ARRANGED MEETS: MAY 17-AUG 6

## FAMILY&CONSUMER SCIENCES ED&STUDIES

CRSE: HOUSING FCEDS 301F 3 CR.
Prereq: 6 CREDITS IN FAMILY AND CONSUMER SCI
OR EDUCATION SHRT CRSE: HOUSING OR EDUCATION
9377005 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
Materials, field trips &/or travel fee \$25.00 SHRT CRS:APPAR CNST FCEDS 301K 3 CR. Prereq: 6 CREDITS IN FAMILY AND CONSUMER SCI 3 CREDITS Prereg: 6 CREDITS IN FAMILY AND CONSUMER SCIOR EDUCATION
9383005 1 MTWRF 8:00-5:00
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction
Materials fee \$75.00
9383010 2 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW
Materials fee \$75.00 SUPV EXPRNC COMMUNC FCEDS 491A 3-8 CREDITS
Prereq: HD FS 449; 24 CREDITS IN FAMILY AND
CONSUMER SCIENCES; RESERVATION REQUIRED
Satisfactory-Fail Only.
2261005 1 ARRANGED
MEETS: MAY 17-AUG 6 SUPV EXPRNC COMMUNC SUPV EXPRNC PRO STU FCEDS 491B 3-8 CRI Prereq: HD FS 418B; 24 CREDITS IN FAMILY AND CONSUMER SCIENCES; RESERVATION REQUIRED Satisfactory-Fail Only. 2272005 1 ARRANGED MEETS: MAY 17-AUG 6 3- 8 CREDITS FAMILY FINANCIAL PLANNING FINANC THRY & RES I FFP 520 3 CREDIT: 8201700 G ARRANGED

MEETS: MAY 10-JULY 30

Note: SEC RESTRICTED TO GPIDEA STUDENTS, EMAIL GPIDEAINFO@LASTATE.EDU ABOUT ENROLLING"

Course delivery is WWW
Tuition Category: GPIDEA Consortium FUND FAMILY FINANCI FFP 530 3 CRE
8202705 F ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
8202710 H ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC H IS RESTRICTED TO GPIDEA STUDENTS
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium
8202700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW

REETS: MAY 17-AUG 6
Note: Tuition Category: GPIDEA Consortium
Course delivery is WWW 3 CREDITS PERSONAL INCOME TAX FFP 565 3 CREDITS 8203700 G ARRANGED MEETS: JUNE 7-JULY 30

Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS, EMAIL GPIDEAINFO@IASTATE.EDU ABOUT ENROLLING COURSE deliver; is MUNICOME. Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium FINAN PLN CASE STUD FFP 595 3 CREDI
Prereq: FFP 530, FFP 540, FFP 545, FFP 555, FFP
565, FFP 583
8218700 G ARRANGED
MEETS: JUNE 1-AUG 6
Note: SEC G IS RESTRICTED TO GPIDEA STUDENTS
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

NIANCE 3 CREDITS **FINANCE** 

PRINCIPL OF FINANCE FIN 301 3 CREDITS
Prereq: ACCT 284, ECON 101, STAT 226
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE
STUDENTS. RESTRICTED TO UNDERGRAD MAJORS OTHER
THAN P BUS

3689700 1 ARRANGED SHEN J
MEETS: MAY 17-JUNE 25
Note: Course delivery is www

3689705 2 ARRANGED JENSEN T
MEETS: JUNE 28-AUG 6
Note: Course delivery is www

3689710 3 ARRANGED JENSEN T
MEETS: JUNE 28-AUG 6
Note: Course delivery is www

1ST SS 2021 FINANCE (CONTINUED) FINANCE (CONTINUED) INVESTMENTS CORPORATE FINANCE FIN 310 3 CREDITS FIN 520 3 CREDITS Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE Prereq: FIN 501 Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS 700 1 ARRANGED SAPP T MEETS: JUNE 28-AUG 6 STUDENTS
COURSE RESTRICTED TO UNDERGRAD MAJORS OTHER THAN P BUS. Note: Course delivery is WWW 3691005 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW PREMKUMAR S 1- 3 CREDITS SPECIAL TOPICS FIN 590 Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INVESTMENTS FIN 320 3 CREDITS Prereq: FIN 301
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE FOOD SCIENCE & HUMAN NUTRITION STUDENTS
3692005 1 ARRANGED
MEETS: JULY 12-AUG 6 FOOD & THE CONSUMER FS HN 101 3 CRE
Prereq: HIGH SCHOOL BIOLOGY AND CHEMISTRY OR
3 CREDITS EACH OF BIOLOGY AND CHEMISTRY
3659700 1 ARRANGED BOYLSTO
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW Note: Course delivery is WWW BOYLSTON T FINAN MKTS&INSTITUT FIN 330 3 CREDITS Prereq: FIN 301
Note: COURSE RESTRICTED TO UNDERGRAD BUSINESS MAJORS INTRO HUMAN NUTRITN FS HN 167 3 CRED Prereq: HIGH SCHOOL BIOLOGY OR 3 CR OF BIOLOGY 3600700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 6829005 1 ARRANGED

MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW REAL ESTATE PRINCIP FIN 3 CREDITS NUTRI ACTIV LIFSTYL FS HN 265 3
Prereq: FS HN 167; FS HN 264 OR CREDIT OR
ENROLLMENT IN BBMB 301
6232700 1 ARRANGED
MEETS: MAY 17-AUG 6 Prereq: ECON 101
Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE NOTE: COURSE NOT STUDENTS NOT S Note: Course delivery is WWW Note: Course delivery is WWW BUS FINANCG DECISNS FIN 415 3 CREDITS

Prereq: FIN 301

3698005 1 ARRANGED KARACA I

MEETS: MAY 17-JUNE 25

Note: SEC 1 RESTRICTED TO ACCT, ACSCI, BU AN, BUSEC, BUS U
ENTSP, FIN, MGMT, MIS, MKT, SCM UNDERGRAD MAJORS ONLY.

Course delivery is WWW OOD CHEMISTRY FS HN 311 3 CREDITS
Prereq: ENGL 250; CHEM 231 OR CHEM 331; CREDIT OR
ENROLLMENT IN BBMB 301
3669700 1 ARRANGED BOYLSTON T
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW FOOD CHEMISTRY WORLD FOOD ISSUES FS HN 342 NORLD FOOD ISSUES FS HN 342 3 CREI Prereq: JUNIOR CLASSIFICATION Note: Meets international perspectives reqmt 1923700 1 ARRANGED ANDREWS MEETS: MAY 17-AUG 6 Note: Course delivery is WWW Cmptr reqmt: https://www.agonline.iastate.edu/resources/computer-requirements REAL ESTATE FINANCE FIN 472 3 CRE
Prereq: FIN 301 AND STAT 326
4555005 1 ARRANGED SUN H
MEETS: JUNE 28-AUG 6
Note: SECT 1 RESTRICTED TO ACCT, ACSCI, BU AN,
BUSEC, BUS U, ENTSP, FIN, MGMT, MIS, MKT, SCM
UNDERGRAD MAJORS ONLY.
Course delivery is WWW 3 CREDITS MED TERMNOL FOR PRO FS HN 367 9487700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW INDEPENDENT STUDY FIN 490 1-3 CREDIT Prereq: FIN 301, STAT 326 AND PERMISSION OF INSTRUCTOR Note: PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER
Instructor permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS FOOD LAWS&REGULATINS FS HN 403 2 CREDITS Prereq: 3 CREDITS IN FOOD SCIENCE COURSEWORK AT 200 LEVEL OR ABOVE 3679700 F ARRANGED BREHM-STECHER
MEETS: MAY 17-JULY 9
Note: CONTACT GPIDEA COORDINATOR FOR STEPS TO ENROLL:
CASEY SMITH: AGONLINESERVICES@IASTATE.EDU OR
800-747-4478 BREHM-STECHER B BANKING FIN 499A 1-3
Prereq: GPA 2.5; PERMISSION OF INTERNSHIP
COORDINATOR; STAT 326
Satisfactory-Fail Only.
9403005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Department permission required. BANKING 1- 3 CREDITS Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium
3679705 H ARRANGED BREHM-STECHER B
MEETS: MAY 17-JULY 9 NSURANCE INTERNSHP FIN 499B 1-3 CREDITS
Prereq: FIN 361; STAT 326; GPA 2.5; PERMISSION OF
INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
9555005 1 ARRANGED
MEETS: MAY 17-AUG 6 499B 1- 3 CREDITS INSURANCE INTERNSHP Note: CONTACT GPIDEA COORDINATOR FOR STEPS TO ENROLL: CASEY SMITH: AGONLINESERVICES@IASTATE.EDU OR 800-747-4478 Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium

3679710 1 ARRANGED BREHM-STECHER B
MEETS: MAY 17-JULY 9

Note: Course delivery is WWW Note: Department permission required. INTERNS REAL ESTATE FIN 499C 1-NTERNS REAL ESTATE FIN 499C 1-3 CREDITS
Prereq: FIN 301 PLUS 3 ADDL CREDITS IN FINANCE;
STAT 326; GPA 2.5; PERMISSN OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
3098005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Department permission required. INTERNSHIP INVESTMT FIN 499D 1-3 CREDITS

Prereq: FIN 320, STAT 326, GPA 2.5, PERMISSION OF
 INTERNSHIP COORDINATOR
 Satisfactory-Fail Only.

6516005 1 ARRANGED
 MEETS: MAY 17-AUG 6 Note: Department permission required. ND STUDY NUTRITION FS HN 490C 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
NOTE: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STUDY NUTRITION INTERNSHP: CORPORATE FIN 499E 1-3 CREDITS
Prereq: FIN 310, STAT 326, GPA 2.5, PERMISSION OF
INTERNSHIP COORDINATOR

Satisfactory-Fail Only.
2736005 1 ARRANGED
MEETS: MAY 17-AUG 6

Note: Department permission required.

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FOOD SCIENCE & HUMAN NUTRITION

(CONTINUED) IND STUDY INT'L EXP

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

INDEP STUDY HONORS FS HN 490H 1-6 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, MEMBERSHIP IN
UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF 490 MAY BE APPLIED
TOWARD GRADUATION. RESTRICTED TO HONORS PROGRAM
STIDE

STUDENTS ONLY.

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

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

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

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

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

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

CONSUMER NUTRI COMM FS HN 508X
Prereq: ENROLLMENT IN MPP D PROGRAM
0958005 1 ARRANGED
MEETS: MAY 10-JULY 2 2 CREDITS

Note: Course delivery is WWW

MICROBIOLGY OF FOOD FS HN 521 2 CREDITS
Prereq: MICROBIOLOGY WITH LAB; ENROLLMENT IN
GP-IDEA FOOD SAFETY AND DEFENSE GRADUATE CERTIFICATE
OR PERMISSION OF INSTRUCTOR
4811700 G ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY
SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478
Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium

FOOD SAFETY OVRVIEW FS HN 523 2 CREDITS
Prereq: A COURSE IN BIOLOGY OR CHEMISTRY;
ENROLLMENT IN GP-IDEA FOOD SAFETY AND DEFENSE
GRADUATE CERTIFICATE OR PERMISSION OF INSTRUCTOR
9441700 G ARRANGED
MEETS: JUNE 7-JULY 30
Note: SEC G CONTACT GPIDEA COORDINATOR TO ENROLL. CASEY
SMITH, AGONLINESERVICES@IASTATE.EDU, 800-747-4478
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

ETHNIC FOODS:SAFETY FS HN 526 2 CREDITS
Prereq: GRADUATE STANDING; ENROLLMENT IN GP-IDEA
FOOD SAFETY AND DEFENSE GRADAUTE CERTIFICATE OR
PERMISSION OF INSTRUCTOR

9446700 G ARRANGED
MEETS: JUNE 7-JULY 30
Note: CONTACT GPIDEA COORDINATOR TO ENROLL: CASEY
SMITH AT AGONLINESERVICES@IASTATE.EDU OR

Tuition Category: GPIDEA Consortium Course delivery is WWW Tuition Category: GPIDEA Consortium

LDRSHP&MGMT DIETETC FS HN 537X 2 CREDIT Prereq: ENROLLMENT IN ISU MASTER OF PROFESSIONAL PRACTICE IN DIETETICS 0959700 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is WWW 2 CREDITS

FOOD SCIENCE & HUMAN NUTRITION

(CONTINUED)

CC INTRNSHP III FS HN 556 5 CF Prereq: CONCURRENT ENROLLMENT OR SUCCESSFUL COMPLETION OF FS HN 554 AND FS HN 555 1 ARRANGED MEETS: MAY 17-AUG 6 DIETTC INTRNSHP III 5 CREDITS 3077005

SPCL TOPICS NUTRITN FS HN 590A 1- 3 CREI Prereq: INSTRUCTOR PERMISSION \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

SPL TOPICS TEACHING FS HN 590C
Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\* SEE DEPT FOR REFEREN 1- 3 CREDITS SEE DEPT FOR REFERENCE NUMBERS

GRANT WRIT FOR PRO FS HN 595 3 CREDITS GRANT WRIT FOR PRO FS HN 595 3 CREDITS
Prereq: ENROLLMENT IN GP-IDEA MFCS IN DIETETICS
8911700 F ARRANGED
MEETS: MAY 24-JULY 16
Note: SEC F IS RESTRICTED TO GPIDEA STUDENTS ONLY
Course delivery is WWW
Course delivery is WWW
Tuition Category: GPIDEA Consortium
8911705 H ARRANGED
MEETS: MAY 24-JULY 16
Note: SEC H IS RESTRICTED TO GPIDEA STUDENTS ONLY
Tuition Category: GPIDEA Consortium
Course delivery is WWW
Tuition Category: GPIDEA Consortium

Tuition Category: GPIDEA Consortium
8911710 1 ARRANGED
MEETS: MAY 24-JULY 16
Note: SEC 1 IS RESTRICTED TO GPIDEA STUDENTS ONLY
Course delivery is WWW

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

SEMINAR FS HN 681 1 CRE 3648005 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction

PECIAL PROBLEMS FS HN 690 VAR. CREDITS
Prereq: FS HN 502 OR FS HN 503 OR FS HN 504 OR FS
HN 553 OR FS HN 554
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL PROBLEMS

RESRCH FOOD SCI&TEC FS HN 699 VAR. CREDITS Satisfactory-Fail Only.

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

## **FORESTRY**

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

SPL PROB ECOSYS MGT 290B 1- 4 CREDITS FOR Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

SPL PRB RESRC CNSRV FOR 290C 1-4 CREDITS
Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

290E SPL PROB WOOD SCIEN FOR Prereq: FROSH OR SOPH CLASSIF, INSTRUCTOR PERMISN
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

CR COMP FOR BIOLOGY CR COMP FOR BIOLOGY FOR 599A 1-12 CREDITS

Note: Instructor permission required 1st week.

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

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

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

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

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

(CONTINUED)

FOREST BIOLGY RSRCH FOR 699A 1-12 CREDITS

SEE DEPT FOR REFERENCE NUMBERS

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

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

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

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

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

### **FRENCH**

FORESTRY

FRNCH STUDI IN ENGL FRNCH 370 3-4 CREDITS

Prereq: FOR FOURTH CREDIT - 6 CREDITS IN

FRENCH AT 300 LEVEL

Note: Meets international perspectives reqmt

7933700 1 ARRANGED

MEETS: MAY 17-JUNE 11

Note: SECT 1 IS OFFERED FOR 4 CREDITS. COURSEWORK 3- 4 CREDITS

IS IN FRENCH

Course delivery is WWW
7933705 2 ARRANGED
MEETS: MAY 17-JUNE 11
Note: SECT 2 IS OFFERED FOR 3 CREDITS Course delivery is WWW

INDEPENDENT STUDY FRNCH 490 1-6 CREDITS
Note: NO MORE THAN 9 CREDITS IN FRNCH 490 MAY BE
APPLIED TOWARD GRADUATION
Permission of department chair required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

FRENCH INTERNSHIP FRNCH 499 3 CREDITS CH INTERNSHIP FRNCH 499 1-3 CREDITS
Prereq: 9 CREDITS OF FRENCH AT THE 300 LEVEL;
PERMISSION OF ADVISOR AND WLC INTERNSHIP COORD. WORK
EXPERIENCE USING FRNCH LANG SKILLS IN PUBLIC/PRIVATE
SECTOR, COMBINED W/ ACAD WK UNDER FACULTY SUPERVISN
Note: CREDIT IN FRNCH 499 MAY ONLY APPLY TOWARD
GRADUATION IN THE LCP MAJOR. NO MORE THAN 3 CREDITS
IN FRNCH 499 MAY BE APPLIED TOWARD GRADUATION IN
THE MAJOR

THE MAJOR

Department permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### **GENETICS**

PRINCIP OF GENETICS GEN 313 3 CREDITS

Prereq: BIOL 211 & BIOL 212L, CREDIT OR

ENROLLMENT IN ORGANIC CHEMISTRY

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: GEN 260, GEN/BIOL 313/301

AND 313L/301L, GEN/AGRON 320

9559700 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

INDEPENDENT STUDY GEN 490 1-5 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: GENETICS MAJORS MAY APPLY NO MORE THAN 9 CREDITS
OF 490 (INCLUDING GEN 490) TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS GENETICS GEN 495 1-3 CREDITS
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
OF 490-499 UNIVERSITY WIDE TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ATTEND&CRITIQ SEMNR GEN 496 1 CREDIT
Prereq: GEN 313, JUNIOR OR SENIOR CLASSIFICATION,
PERMISSION OF INSTRUCTOR
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GENETICS RESEARCH GEN 499 1- 5 CREDITS Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION OF INSTRUCTOR

Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GENETICS (CONTINUED)

GENET RESRCH HONORS GEN 499H 1-5 CREDITS
Prereq: GEN 313, JR/SR CLASSIFICATION, PERMISSION
OF INSTRUCTOR. MEMBERSHIP IN UNIVERSITY HONORS 1- 5 CREDITS

OF INSTRUCTOR. FLEEDING.
PROGRAM.
Note: GENETICS STUDENTS MAY USE NO MORE THAN 9 CREDITS
OF UNIVERSITY-WIDE 490-499 CREDITS TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### GENETICS - INTERDISCIPLINARY

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

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

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

GENET 699 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS RESEARCH

## GENETICS. DEVELOPMENT & CELL BIOL

PECIAL TOPICS GDCB 590 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2021
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

GDCB 699 Satisfactory-Fail Only.

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

## GEOLOGY

ENVIRONMNTL GEOLOGY GEOL 101 7596700 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is WWW 3 CREDITS

AGE OF DINOSAURS GEOL 103 9327700 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW 1 CREDIT MOOD A

EOLOGICL DISASTERS GEOL 111 9152700 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW GEOLOGICL DISASTERS ANKERSTJERNE S

INDEPENDENT STUDY GEOL 290 1-3 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SUMMER FIELD STUDY GEOT: 302 6 CREDITS SUMMER FIELD STUDY GEOL 302 6 CREDITS
Prereq: GEOL 102, GEOL 356, GEOL 368

3881005 1 ARRANGED
MEETS: MAY 17-AUG 6

Note: Instructor permission required.
Equipment use and field trips & travel fee \$2,400.00
Tuition Category: Camp fee

INDEPENDENT STUDY GEOL 490 1-3 CREDIT Prereq: 6 CR IN GEOLOGY & PERMISSN OF INSTRUCTOR Note: NO MORE THAN 9 CREDITS OF GEOL 490 MAY BE 1- 3 CREDITS APPLIED TOWARD GRADUATION
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

SPL TOP SEDIMENTATN GEOL 590C 1- 3 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PALEONTOLGY GEOL 590D 1- 3 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS GEOL 590D 1- 3 CREDITS

SPL TOPCS PETROLOGY GEOL 590E 1- 3 CREDITS Principle 10PCS PETROLOGY GEOL 590E 1-3 CREATER PREPARED SION OF INSTRUCTOR
\*\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP STRUCTURAL GEOL 590F 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS GEOCHEM GEOL 590G 1- 3 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS GEOLOGY (CONTINUED)

GEOL 590H 1- 3 CREDITS SPL TOPCS HYDROGEOL Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOPCS EARTH SCI GEOL 5901 1- 3 CRED Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP GEOPHYSICS GEOL 590K 1- 3 CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPCL TOP GEOPHYSICS 1- 3 CREDITS

SPCL TOP MINERALOGY GEOL 590L 1- 3 CRED Prereq: PERMISSION OF INSTRUCTOR SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SPL TOPCS TECTONICS GEOL 590M 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP PALEOECO&CLI GEOL 590N 1- 3 CRED Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SPL TOP ISOTP GCHEM GEOL 5900 1- 3 CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP ISOTP GCHEM 1- 3 CREDITS

SPL TOP COMPUTA&GIS GEOL 590P 1- 3 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SPL TOP SRFC HYDROL GEOL 590R 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP OCEANOGRPHY GEOL 590S 1- 3 CREDITS PL TOP UCEANUGRENT GEOD - - - PREPARTSSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RES SURFICIAL PROC GEOL 699A VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

GRAPHY GEOL 699B VAR. CREI SEE DEPT FOR REFERENCE NUMBERS VAR. RESRCH STRATIGRAPHY

RSRCH SEDIMENTATION GEOL 699C VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TOLOGY GEOL 699D VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESRCH PALEONTOLOGY

ROLOGY GEOL 699E VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESEARCH PETROLOGY

RES STRUCTURAL GEOL GEOL 699F VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH GEOCHEMISTRY GEOL 699G VAR SEE DEPT FOR REFERENCE NUMBERS

SEOLOGY GEOL 699H VAR. CREDITS SEE DEPT FOR REFERENCE NUMBERS RESRCH HYDROGEOLOGY

RSRCH EARTH SCIENCE GEOL 6991 VAR. CRE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

RESOURC GEOL 699J VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREDITS RES MINERAL RESOURC

RESEARCH GEOPHYSICS GEOL 699K VAR. CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH MINERALOGY ERALOGY GEOL 699L VAR. CREI SEE DEPT FOR REFERENCE NUMBERS

CONICS GEOL 699M VAR. CREDITS SEE DEPT FOR REFERENCE NUMBERS RESEARCH TECTONICS

CLIMAT GEOL 699N VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RES PALEOECO&CLIMAT CREDITS

RES ISOTOPE GEOCHEM SEOCHEM GEOL 6990 VAR. CREDITS SEE DEPT FOR REFERENCE NUMBERS

RSRCH CMPUT MTH&GIS GEOL 699P VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

RES SURFC HYDROLOGY GEOL 699R VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GEOLOGY (CONTINUED)

RSEARCH GEOSCI\_EDUC I EDUC GEOL 699S VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

### GERMAN

HOLOCAUST TEXT, IMAG GER 371 3-4 CREDITS
Prereq: SOPHOMORE CLASSIFICATION. FOR 4TH CREDIT,
6 CREDITS IN GERMAN AT THE 300 LEVEL.
Note: Meets international perspectives reqmt
3764700 1 ARRANGED
MEETS: MAY 17-JULY 9 3- 4 CREDITS

Note: SECT 1 IS OFFERED FOR 4 CREDITS. COURSEWORK IS IN GERMAN

1S IN GERMAN
Course delivery is WWW
3764705 2 ARRANGED
MEETS: MAY 17-JULY 9
Note: SECT 2 IS OFFERED FOR 3 CREDITS
Course delivery is WWW

INTERNSHP IN GERMAN GER 499 1-3 CREDITS
Prereq: 9 CREDITS OF GERMAN AT THE 300 LEVEL;
PERMISSION OF ADVISOR AND WORLD LANGUAGES AND
CULTURES INTERNSHIP COORDINATOR
Note: NO MORE THAN 3 CREDITS OF GER 499 MAY BE APPLIED
TOWARD GRADUATION IN THE MAJOR
Department permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### GERONTOLOGY

AGING & THE FAMILY GERON 377 3 CREDITS GING & THE FAMILY GERON 3//
Prereq: HD FS 102
Note: Meets U.S. diversity reqmt
7865700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

GERONTL PREPRAC SEM GERON 466 1 CREDIT
Prereq: 9 CR IN CORE COURSES FOR THE GERON
MINOR & APPROVAL OF GERON UNDERGRAD COORDINATOR
7869005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction

GERONTOL PRACTICUM GERON 467 3-6 CREDITS
Prereq: GERON 466, ADVANCE RESERVATION
Satisfactory-Fail Only.
7870005 1 ARRANGED
MEETS: MAY 17-AUG 6

SPECIAL TOPICS GERON 590 VAR. CREI
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

GERON 591 1- 9 CREI SEE DEPT FOR REFERENCE NUMBERS INTERNSHIP

CREATIVE COMPONENT ONENT GERON 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

GERON 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREDITS RESEARCH

## **GLOBAL RESOURCE SYSTEMS**

APPRENTICESHIP GLOBE 221 R CREDIT Satisfactory-Fail Only.

6652005 1 ARRANGED NONNECH
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction NONNECKE G

INDEPENDENT STUDY GLOBE 290 1-2 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSHIP - GLOBAL GLOBE 321 3-6 CREDITS

Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN

GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF

INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE

SYSTEMS FACULITY COORDINATOR

Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND

GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS

Meets international perspectives reqmt

8676005 1 ARRANGED SWOBODA C

MEETS: MAY 17-AUG 6

INTERNSHIP - U.S. GLOBE 322 3-6 CREDITS

Prereq: GLOBE 320; JR. OR SR. CLASSIFICATION IN

GLOBAL RESOURCE SYSTEMS MAJOR; PERMISSION OF
INSTRUCTOR AND APPROVAL BY THE GLOBAL RESOURCE
SYSTEMS FACULTY COORDINATOR

Note: NO MORE THAN 12 CREDITS OF GLOBE 321 AND
GLOBE 322 MAY BE APPLIED TOWARD DEGREE REQUIREMENTS

8684005 1 ARRANGED
MEETS: MAY 17-AUG 6

Note: Instructor permission required.

Note: Instructor permission required.

GLOBAL RESOURCE SYSTEMS

(CONTINUED)

COOPERATIVE EDUCATN GLOBE 398 PRESENTATION OF FACULTY COORDINATOR FOR THE MAJOR, COMPLETION OF COOPERATIVE EDUCATION APPROVAL FORM, REGISTRATION IN GLOBE 398X PRIOR TO COMMENCING WORK PERIOD

Satisfactory-Fail Only.
005 1 ARRANGED
MEETS: MAY 17-AUG 6 SWOBODA C

R PROJECT GLOBE 401
Prereq: SENIOR CLASSIFICATION IN GLOBE
005 1 ARRANGED NO
MEETS: MAY 17-AUG 6 SENIOR PROJECT 3 CREDITS 6799005 NONNECKE G

SENIOR PROJ HONORS GLOBE 401H 8914005 1 ARRANGED MEETS: MAY 17-AUG 6 3 CREDITS NONNECKE G

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

STDY ENTREPRENR GLOBE 490E 1-4 CREDITS
Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
Note: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
'005 1 ARRANGED NONNECKE G IND STDY ENTREPRENR 8687005 MEETS: MAY 17-AUG 6

INDEP STUDY HONORS GLOBE 490H 1- 4 CREDITS Prereq: INSTRUCTOR PERMISSION; APPROVAL BY
THE GLOBAL RESOURCE SYSTEMS FACULTY COORDINATOR
NOTE: NO MORE THAN 9 CREDITS OF 490 (ANY DEPT) MAY BE
APPLIED TOWARD GRADUATION IN GLOBAL RESOURCE SYSTEMS
1005 1 ARRANGED NONNECKE G
MEETS: MAY 17-AUG 6

SERVC LRNG DOMESTIC GLOBE 494B VAR. CREDITS Prereq: PERMISSION OF INSTRUCTOR
3604005 VI ARRANGED
MEETS: MAY 17-AUG 6 NONNECKE G

SVC LRNG U.S.DVRSTY GLOBE 494C 3 CREDITS SVC LRNG U.S.DVRSTY GLOBE 494C
Prereq: PERMISSION OF INSTRUCTOR
Note: Meets U.S. diversity regmt
9775005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction NONNECKE G

## **GRADUATE STUDIES**

PREP FAC TCHG PRACT GR ST 587 1-3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR, GR ST 585,
CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586
7679005 1 ARRANGED COFFMAN C
MEETS: MAY 17-AUG 6
Note: Instructor permission required.

PREP FTR FAC SPL TP GR ST 588 1- 3 CREDITS PREF FIR FAC SPL TP GR ST 588 1-3 CREDITS Prereq: PERMISSION OF INSTRUCTOR, GR ST 585, CREDIT FOR OR CONCURRENT ENROLLMENT IN GR ST 586 8341005 1 ARRANGED COFFMAN C MEETS: MAY 17-AUG 6

Note: Instructor permission required.

REQD REG:FINAL EXAM GR ST 681B 1 CREDIT Prereq: MUST HAVE COMPLETED ALL NECESSARY PROGRAM REQUIREMENTS TO TAKE FINAL EXAM NOTE: CREDIT IN GR ST 681B MAY NOT BE APPLIED

TOWARD GRADUATION
Satisfactory-Fail Only.
8117005 1 ARRANGED
MEETS: MAY 17-AUG 6

REQD REG:GRAD ASST GR ST 681C 1 CREI Prereq: MUST BE A GRADUATE ASSISTANT Note: CREDIT IN GR ST 681C MAY NOT BE APPLIED TOWARD GRADUATION Satisfactory-Fail Only. 8122005 1 ARRANGED MEETS: MAY 17-AUG 6 1 CREDIT

PRACTICAL TRAINING GR ST 697 R CR
Note: REQUIRED APPROVAL SIGNATURE SHOULD BE
OBTAINED IN 1137 PEARSON HALL
6905005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: College permission required R CREDIT

Note: College permission required.

## GRAPHIC DESIGN

DSGN INTERNSHP ARTGR 480 3 CREDITS
Prereq: ARTGR 377, 12 CR IN GRAPHIC DESIGN;
INSTR PERMISSN, REGISTRATION IN ADVANCE OF ENROLLMENT
0005 1 ARRANGED FINLEY J
MEETS: MAY 17-AUG 6 GRPH DSGN INTERNSHP

STUDIES IN GRPH DSN ARTGR 484 1-3 CREDITS
Prereq: CONCURRENT ENROLLMENT IN ARTGR 370,
ARTGR 371, OR ARTGR 470
Note: Instructor permission required 1st week.
8261005 1 ARRANGED FONTAINE L
MEETS: MAY 17-JULY 9
Note: SEC 1 TOPIC: ICON & LOGO DESIGN
Course delivery is WWW

ND ST THEORY, CRIT ARTGR 490A 1- 6 CREDIT Prereq: WRITTEN APPROVAL OF INSTR AND DEFT CHAIR ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND ST THEORY, CRIT 1- 6 CREDITS

ES IN GRPH DSN ARTGR 584 1- 3 CREDITS Prereq: GRAD CLASSIFICATION IN COLLEGE OF DESIGN NOTE: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021

Note: COURSE ONLY OFFERED FOR 2 CREDITS SUI Instructor permission required 1st week. 8262005 1 ARRANGED MEETS: MAY 17-JULY 9 Note: SEC 1 TOPIC: ICON & LOGO DESIGN Course delivery is WWW

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

PONENT ARTGR 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT

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

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

### **HEALTH STUDIES**

SCI HEALTH BEHV CHG H S 167X 0864005 1 MTWR 8:40-10:20 ARRANGED MEETS: MAY 17-JUNE 11

Note: Course delivery is On-site instruction

нѕ 8-16 CREDITS INTERN: PUBLC HEALTH 485A NTERN: PUBLIC HEALTH H S 485A 8-16 CREDITS
Prereq: ALL REQUIRED COURSES; C- OR BETTER IN
H S 310 AND H S 430; CLASSIFICATION IN A KINESIOLOGY
OR HEALTH MAJOR; CUMULATIVE GPA 2.0
Satisfactory-Fail Only.
4408005 1 ARRANGED POWER D
MEETS: MAY 17-AUG 6

INTERN: ACTV&H PROMO H S 485B 8-16 CREDITS

Prereq: ALL REQUIRED COURSES; C- OR BETTER IN

KIN 458 AND KIN 467; CLASSIFICATION IN A KINESIOLOGY

OR HEALTH MAJOR; CUMULATIVE GPA 2.0

Satisfactory-Fail Only.

4411005 1 ARRANGED POWER D

MEETS: MAY 17-AUG 6

INDEPENDENT STUDY H S 490 1-3 CRED Prereq: 6 CR IN H S, PERMISSION OF COORDINATOR Note: Instructor permission required 1st week.

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

### HIGHER EDUCATION

FOUND LEADRSHP&LRNG HG ED 544 3 CREDITS Prereq: GRADUATE CLASSIFICATION
5438700 1 ARRANGED
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW THORNTON Z

ORG&ADM STUD AFFAIR HG ED 575 3 CRED
Prereq: ADMISSION TO HIGHER EDUCATION PROGRAM,
HG ED 574
4117005 1 ARRANGED SMITH D
MEETS: JUNE 28-AUG 6 ORG&ADM STUD AFFAIR

Note: Course delivery is WWW

1ST SS 2021 HIGHER EDUCATION (CONTINUED) SPL TOP STDT SERVIC HG ED 590A 1- 4 CREDITS
Prereq: 9 CREDITS IN EDUCATION
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS SPL TOP COMMUN COLL HG ED 590B 1- 4 CRED Prereq: 9 CREDITS IN EDUCATION SEE DEPT FOR REFERENCE NUMBERS SPL TOP CURRENT ISS HG ED 590C 1- 4 CREDITS Prereq: 9 CREDITS IN EDUCATION

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SEE DEPT FOR REFERENCE NUMBERS SPL TOP INTNL HG ED HG ED 590D 1- 4 CRE Prereq: 9 CREDITS IN EDUCATION \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS SPL TOP INTNL HG ED SP TOP FED&STAT AFF HG ED 590E 1- 4 CRED Prereq: 9 CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS SP TOP LAW IN HG ED HG ED 590F 1- 4 CREDITS Prereq: 9 CREDITS IN EDUCATION

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS SP TOP INSTITUL RES HG ED 590G 1- 4 CRE Prereq: 9 CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS SUPV FIELD EXPERIEN HG ED 591 1- 4 CREDITS Prereq: 9 CREDITS GRADUATE WORK

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS REATIVE COMPONENT HG ED 599 VAR. CREI Prereq: 9 CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT VAR. CREDITS ACAD ISSUES&CULTURS HG ED 666 3 CR
7319700 1 F 5:30-9:00PM DORAN
S 8:00-4:00 DORAN
MEETS: MAY 21-JUNE 19
Note: SEC 1 MEETS MAY 21,22, JUNE 4,5,18,19
RESTRICTED TO ED.D STUDENTS ONLY 3 CREDITS DORAN E Course delivery is Hybrid (Online and F2F) COL LDSHP&CHNG HG ED 667X 3 CREDIT Prereq: ADMISSION TO ED.D. EMPHASIS IN COMMUNITY COLLEGE LEADERSHIP 8005 1 F 5:30-9:00PM SMITH D S 8:00-4:00 SMITH D MEETS: MAY 17-JUNE 25

Note: SEC 1 MEETS MAY 21,22 & JUNE 4,5,18,19 Course delivery is Hybrid (Online and F2F) COMM COL LDSHP&CHNG 3 CREDITS 0928005 ADV SPECIAL TOPICS HG ED 690 1- 4 CRES
Prereq: 9 CREDITS IN EDUCATION
SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS HG ED 699 VAR. CREDITS Prereq: 9 CREDITS IN EDUCATION

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SEE DEPT FOR REFERENCE NUMBERS HISTORY INTRO WESTERN CIV I HIST 201 3 CREDITS
Note: Meets international perspectives regnt
4150700 1 ARRANGED HOLLANDER D
MEETS: JUNE 14-JULY 9
Note: Course delivery is WWW INTR WESTERN CIV II HIST 202 3 CR
Note: Meets international perspectives regmt
4151700 1 ARRANGED MONROE
MEETS: MAY 17-JUNE 11 3 CREDITS MONROE J Note: Course delivery is WWW SURVEY U.S. HIST I HIST 221 4155700 1 ARRANGED MEETS: MAY 17-JUNE 11 3 CREDITS HILLIARD K Note: Course delivery is WWW

HISTORY OF IOWA HIST 370 3 CREDITS PRY OF TOWA HIST 370 3 CREDI Prereg: SOPHOMORE CLASSIFICATION Note: COURSE RESTRICTED TO SOPHOMORES AND ABOVE 2700 1 ARRANGED BREMER J MEETS: MAY 17-JUNE 11 Note: Course delivery is WWW 4222700

HIST 372 LATINA/O HISTORY 3 CREDITS ATINA/O HISTORY HIST 3/2
Note: Meets U.S. diversity reqmt
8007700 1 ARRANGED
MEETS: JUNE 14-JULY 9
Note: Course delivery is WWW BEHNKEN B

INDEPENDENT STUDY HIST 490 1-3 CREDITS

Prereq: 9 CREDITS IN HISTORY; PERMISSION OF

DEPARTMENT CHAIR

Note: COURSE NOT OPEN TO FRESHMEN. NO MORE THAN 6

CREDITS OF HIST 490 MAY BE APPLIED TOWARD GRADUATION

WITH A MAJOR IN HISTORY. NO CREDITS OF HIST 490 MAY

BE APPLIED TOWARD A MINOR IN HISTORY.

Instructor permission required 1st week.

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SEE DEPT FOR REFERENCE NUMBERS

HISTORY (CONTINUED)

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

PONENT HIST 599 1-6 CRE SEE DEPT FOR REFERENCE NUMBERS HIST 699 1- 6 CREDITS

RESEARCH Note: Instructor permission required lst week

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

### **HONORS**

INDEP STUDY HONORS HON 490 VAR. CRED Prereq: MEMBERSHIP IN THE UNIV HONORS PROGRAM, CREDITS PERMISSION OF FACULTY DIRECTOR OF UNIV HONORS PROGRAM
Note: Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### HORTICULTURE

HORT MGT EXPERIENCE HORT 391 1 CREDIT
Prereq: HORT 221 OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 2 CREDITS OF HORT 391 MAY BE APPLIED
TOWARD THE HORTICULTURAL SCIENCES COURSE REQUIREMNTS. 2 ADDITIONAL CREDITS OF HORT 391 MAY BE APPLIED TOWARD THE 128 CREDITS REQUIRED FOR GRADUATION.

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

COOPERATIVE EDUCATN HORT 398 R CREI Prereq: PERMISSION OF DEPARTMENT RESOURCE AND CAREER CENTER COORDINATOR Satisfactory-Fail Only. 3652005 1 ARRANGED MEETS: MAY 17-AUG 6

IND ST GREENHS CROP HORT 490A VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
FOR GRADUATION

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

TDY NURS CROPS HORT 490B VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED IND STDY NURS CROPS

FOR GRADUATION SEE DEPT FOR REFERENCE NUMBERS

HORT 490C VAR. IND STDY TURFGRASS IND STDY TURFGRASS HORT 490C VAR. CREDITS
Prereg: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
FOR GRADUATION

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

IND STU FRUIT CROPS HORT 490D VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
FOR GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STUDY VEG CROPS HORT 490E VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
FOR CREDIULTION FOR GRADUATION

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

TU CROSS-COMMO HORT 490F VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED IND STU CROSS-COMMO FOR GRADUATION
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LANDSCP HORT HORT 490G VAR. CREDITS IND ST LANDSCP HORT HORT 490G VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
FOR GRADUATION

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1ST SS 2021 61

(CONTINUED)

INDEP STUDY HONORS HORT 490H VAR. CREDITS
Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 4 CREDITS OF HORT 490 AND AN
ADDITIONAL 2 CREDITS OF 490 FROM OUTSIDE HORTICULTURE
MAY BE USED TOWARD THE TOTAL OF 129 CREDITS REQUIRED
FOR GRADUATION. RESTRICTED TO UNIVERSITY HONORS
PROGRAM STUDENTS ONLY.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS

HORTICULTURE

IND STDY ENTREPRENR HORT 490J VAR. Prereq: JUNIOR OR SENIOR CLASSIFICATION IN
HORTICULTURE OR PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SEED SCI INTERNSHIP HORT 491 Prereq: AGRON 338, ADVANCED APPROVAL AND
PARTICIPATION OF EMPLOYER AND INSTRUCTOR
Note: Instructor permission required.
1 ARRANGED
MEETS: MAY 17-AUG 6

SERVC LEARN DOMESTC HORT 494B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
3163005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: SEC 1 VIRGIN ISLANDS
Course delivery is On-site instruction

UL SCI XTNSN&OUTRCH HORT 581X 1 CRE
0858005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction 1 CREDIT

SPECIAL TOPICS HORT 590 VAR. CREDITS
Prereq: A MAJOR OR MINOR IN HORTICULTURE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

ONENT HORT 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT

RSRCH GREENHSE CROP HORT 699A VAR. CREI \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH NURSERY CROPS HORT 699B VAR. CRE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

RESRCH FRUIT CROPS HORT 699D VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH VEG CROPS HORT 699E VAR. CREI
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH CROSS-COMMODT HORT 699F VAR. CREI
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSRCH LANDSCAP HORT HORT 699G VAR. CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## **HOSPITALITY MANAGEMENT**

INTRO HOSPTLY INDUS HSP M 101
7306005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW 3 CREDITS ELBERT C

GLOBAL TOURISM MGT HSP M 260 3 CRI Note: Meets international perspectives reqmt 6738005 1 ARRANGED LEE S MEETS: MAY 17-JUNE 11 GLOBAL TOURISM MGT 3 CREDITS

Note: Course delivery is WWW

SUPV PROFESS INTERN HSP M 470 3 CREDITS
Prereq: AESHM 270, AESHM 211, 9 CREDITS IN HSP M,
MINIMUM 2.0 GPA; PERMISSION BY APPLICATION; JUNIOR
OR SENIOR CLASSIFICATION; EMPLOYER AND LOCATION MUST
BE DIFFERENT THAN THOSE USED FOR AESHM 170 AND 270.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST HOSPLITY MGT HSP M 490B VAR. CREDITS IND ST HOSPLITY MGT HSP M 490B VAR. CREDIT Prereq: PROGRAM APPROVAL Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION Instructor permission required 1st week. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND ST LODGING OPER HSP M 490D VAR. CREDIT Prereq: PROGRAM APPROVAL
Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290
AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS HSP M 490D VAR. CREDITS HOSPITALITY MANAGEMENT (CONTINUED)

IND STU FOODSRVC OP HSP M 490E VAR. CREDITS TIV FOODSRYC OP HSP M 490E VAR. CREDIT Prereq: PROGRAM APPROVAL Note: NO MORE THAN 9 TOTAL CREDITS OF HSP M 290 AND HSP M 490 MAY BE APPLIED TOWARD GRADUATION Instructor permission required 1st week. \*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS HSP M 490H VAR. CRE Prereq: PROGRAM APPROVAL, FULL MEMBERSHIP IN HONORS PROGRAM

Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY NO MORE THAN 9 TOTAL CREDITS OF HSPM 290 AND
HSP M 490 MAY BE APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

HOSPLTY MGT SCHOLAR HSP M 505 1 CRI 3423005 1 ARRANGED LEE S MEETS: JUNE 14-18 Note: SEC 1 MEETINGS JUNE 4 9AM-5PM VIA ZOOM Course delivery is WWW

SP TOP HOSPTLTY MGT HSP M 590B VAR. CREDT Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT Note: Instructor permission required 1st week. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP CMMRC FDSRV HSP M 590E VAR. CREDI Prereq: 9 CR IN HSP M AT 400 LEVEL OR ABOVE AND SUBMISSION OF APPLICATION TO DEPARTMENT Note: Instructor permission required 1st week.

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

CREATIVE COMPONENT HSP M 599 VAR. CRE
Note: Instructor permission required 1st week
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS

ADV HR MGT HOSPTLTY HSP M 638 3 CRED
Prereq: HSP M 538; ENROLLMENT IN PH.D. PROGRAM
4400005 1 MTWRF 9:00-5:00 BROWN E
ARRANGED BROWN E 3 CREDITS

MEETS: JUNE 14-AUG 6
Note: SEC 1 ON CAMPUS MEETING JUNE 14-18
Course delivery is Hybrid (Online and F2F)

SEM MARKTG THOUGHTS HSP M 640 3 CREDIT Prereq: HSP M 540; STAT 401; ENROLLMENT IN PH.D. PROGRAM
5331700 1 ARRANGED TANG L MEETS: JUNE 21-JULY 16
Note: Course delivery is WWW 3 CREDITS

ADV TOP HSPTLTY MGT HSP M 690B VAR. CREDI Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION OF APPLICATION TO DEPARTMENT \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS TOURISM HSP M 690C VAR. CREDITS
Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
OF APPLICATION TO DEPARTMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPIC LODGING HSP M 690D VAR. CREDITS
Prereq: ENROLLMENT IN PH.D. PROGRAM; SUBMISSION
OF APPLICATION TO DEPARTMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ESEARCH HSP M 699 VAR. CRED
Prereq: ENROLLMENT IN PH.D. PROGRAM
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH VAR. CREDITS

### **HUMAN COMPUTER INTERACTION**

PYTHON APPLCTN DEV 584X 3 CREDITS HCT Prereq: WORKING KNOWLEDGE OF PYTHON EQUIVALENT TO HCI 574. MUST BE ENROLLED IN HCI GRADUATE PROGRAM. COMPLETION OR CONCURRENT ENROLLMENT IN HCI DESIGN

COMPLETION OR CONCURRENT ENROLLMENT IN HOR REQUIREMENT.

700 1 ARRANGED

MEETS: MAY 17-AUG 6

Note: SEC 1 PLEASE CONTACT TIFFANY KAYSER,

TLKAYSER@IASTATE.EDU, TO REGISTER
Department permission required.

Course delivery is WWW

MODELS&THEORIES HCI HCI 587 3429700 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW 3 CREDITS

SPECIAL TOPICS HCI 590 VAR. CREI
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

1ST SS 2021 62

(CONTINUED)

R CREDIT

3 CREDITS

3 CREDITS

6 CREDITS

NEUBAUER D

OBBINK M

HUMAN COMPUTER INTERACTION (CONTINUED) HUMAN DEVELOPMENT & FAMILY STUDIES ICI VISUAL DESIGN HCI 595
8623700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8623705 2 ARRANGED
MEETS: JUNE 14-AUG 6 RCH HD FS 499 1-6 CREDITS
Prereq: PERMISSION OF STAFF MEMBER WITH WHOM
STUDENT PROPOSED TO WORK, CONSULT DEPARTMENT OFFICE 3 CREDITS RESEARCH \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS THEORIES HUMAN DEVE HD FS 510

Prereq: 9 CREDITS OF SOCIAL SCIENCES OR

PERMISSION OF INSTRUCTOR

7702700 1 ARRANGED

MEETS: MAY 17-AUG 6 Note: Course delivery is WWW CREATIVE COMPONENT HCI 599 3 CREDITS Satisfactory-Fail Only.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS Note: Course delivery is WWW HCI INTERNSHIP HCI 697 Prereq: GRAD CLASSIFICATION, PERMISSION OF DIRECTOR OF GRADUATE EDUCATION

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SP TOP HUMAN, FAMILY HD FS 5901 VAR. CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS HCI 699 INTERN HUM DV, FAMLY HD FS 591I VAR. CREDITS ESEARCH
Satisfactory-Fail Only.
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS Prereq: 10 GRAD CREDITS
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS **HUMAN DEVELOPMENT & FAMILY STUDIES** CREATIVE COMPONENT HD FS 599 VAR. CREI Prereq: 9 GRADUATE CREDITS IN HD FS \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS INDV&FAM DEVEL&HLTH 3491700 1 ARRANGI DEVEL&HLTH HD FS 102 1 ARRANGED MEETS: MAY 17-AUG 6 DV TOP HUMAN, FAMLY HD FS 6901 VAR. CREI Prereq: INSTR PERMISSN, ENROLLMENT IN PH.D. PF \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ADV TOP HUMAN, FAMLY Note: Course delivery is WWW PRSNL FIN ERLY ADLT HD FS 183
Satisfactory-Fail Only.
7594700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW 1 CREDIT COLLEG TCH INTERNSP HD FS 691A VAR. CREDITS Prereq: PERMISSION OF INSTRUCTOR Satisfactory-Fail Only.
\*\*\* SEE DEPT FOR REFERENCE NUMBERS JIT FOR CHILDREN HD FS 240
Note: Meets U.S. diversity reqmt
2194700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW RESEARCH INTERNSHIP HD FS 691B VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS LIT FOR CHILDREN 3 CREDITS PRO EXPER INTERNSHP HD FS 691D VAR. CREDITS PRNT&FAM DVRSTY ISS HD FS 249
Note: Meets U.S. diversity reqmt
2207700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW Satisfactory-Fail Only.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 3 CREDITS RES HUM DEV&FAM STU HD FS 6991 VAR. CREDITS ES HUM DEV&FAM SIU HD FS 5772 ......

Satisfactory-Fail Only.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS FAMILY CMM&RELATNSH HD FS 270
Prereq: HD FS 102 OR PSYCH 230
Note: Meets U.S. diversity reqmt
7012700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW 3 CREDITS **HUMAN SCIENCES** COOPERATIVE EDUC H SCI 398 R
Prereq: PERMISSION OF CHS CAREER SERVICES
Satisfactory-Fail Only.
0303005 1 ARRANGED HUMAN SEXUALITY 3 CREDITS MEETS: MAY 17-AUG 6 Note: Meets U.S. diversity reqmt
3496700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW IND STDY ENTREPRNSH 5101005 1 ARRANGE NTREPRNSH H SCI 490E 1 ARRANGED MEETS: MAY 17-AUG 6 1- 4 CREDITS **IMMUNOBIOLOGY** PRSNL&FAMILY FINANC HD FS 283 3 CREDITS RSNL&FAMILY FINANC HD FS 283
Note: Meets U.S. diversity reqmt
3499700 1 ARRANGED
MEETS: MAY 17-AUG 6 IMBIO 699 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS Note: Course delivery is WWW INDUSTRIAL DESIGN FIELD EXPERIENCES HD FS 317 1- 6 CREDITS Preceq: 9 CREDITS IN HD FS
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND DSN MATRLS&PROC IND D 334 Prereq: IND D 201, IND D 231
9613005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW AGING & THE FAMILY HD FS 377 3 CREDITS GING & THE FAMILY HD FS 5//
PPEREQ: HD FS 102
Note: Meets U.S. diversity reqmt
3506700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW HIST INDUS DESIGN I HIST INDUS DESIGN 1 IND D 36/ Prereq: 30 CREDITS EARNED AT ISU Note: Meets U.S. diversity regmt 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW CHLD, FAM&PUB POLCY Prereq: HD FS 369 OR EQUIVALENT
1155700 1 ARRANGED
MEETS: MAY 17-JULY 9 INDUS DSN INTERNSHP IND D 397 6 CRED Prereq: IND D 202, 18 CR IN INDUSTRIAL DESIGN, PERMISSION OF INSTRUCTOR 6164005 1 ARRANGED MCKILLIG. Note: Course delivery is WWW INDEPENDENT STUDY HD FS 490 VAR. CREDITS MEETS: MAY 17-AUG 6 Prereq: 6 CREDITS IN HD FS

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS SPL TOP:THRY,MTHDGY IND D 490A VAR. CREI
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS NDEP STUDY HONORS HD FS 490H VAR. CREDITS
Prereq: 6 CR IN HD FS, MEMBERSHIP IN HONORS PROG
NOTE COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS SPL TOPCS: 3-D DSIGN DSIGN IND D 490C VAR. CRESEE DEPT FOR REFERENCE NUMBERS ST COLLAB IND D 490D VAR. CREDITS 1 ARRANGED MEETS: MAY 17-JULY 9 TOP:DIST COLLAB PERNSHIP HD FS 491 4- 9 CREI
Prereq: HD FS 418B; PERMISSION OF INSTRUCTOR;
SENIOR CLASSIFICATION; MINIMUM 2.0 GPA
Satisfactory-Fail Only.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INTERNSHIP 4- 9 CREDITS Note: SEC 1 OFFERED FOR 6 CREDITS 010 2 ARRANGED MEETS: MAY 17-AUG 6

INDUSTRIAL DESIGN

(CONTINUED)

EN THINKING IND D 532 3 CRED Prereq: SENIOR OR GRADUATE STANDING IN ANY ISU PROGRAM, OR PERMISSION OF INSTRUCTOR 1005 1 ARRANGED LUZ A MEETS: JUNE 14-AUG 6 DESIGN THINKING 3 CREDITS 3113005

Note: Course delivery is WWW

SPECIAL TOPICS IND D 590 3 CREDITS Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO
OR PERMISSION OF INSTRUCTOR
\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL PROJECTS IND D 592 VAR. CREDITS
Prereq: COMPLETION OF INDUSTRIAL DESIGN STUDIO OR
PERMISSION OF INSTRUCTOR
4181005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: SEC 1 OFFERED FOR 6 CREDITS SPECIAL PROJECTS

Instructor permission required.
4181010 2 ARRANGED
MEETS: MAY 17-JULY 9
Note: SEC 2 OFFERED FOR 3 CREDITS
Instructor permission required.

THESTS IND D 699 6 CREDITS

Prereq: IND D 632
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### INDUSTRIAL ENGINEERING

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

INDEPENDENT STUDY I E 490 1-5 CRED Prereq: SR CLASSIFICATION, PERMISSION OF INSTR Satisfactory-Fail Only. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 5 CREDITS

INDEP STUDY HONORS I E 490H 1-5 CREDITS

Prereq: SR CLASSIFICATION, PERMISSION OF INSTR

UNIV HONORS PROGRAM MEMBERSHIP

Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

Satisfactory-Fail Only.

\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

ΙE PECIAL TOPICS
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT ΙE 599 VAR. CREDITS Satisfactory-Fail Only.

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

ADVANCED TOPICS ICED TOPICS I E 690 Prereq: PERMISSION OF INSTRUCTOR

Satisfactory-Fail Only.

\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEER INTERNSHIP I E 697
Prereq: PERMISSION OF DEPARTMENT
Note: Department permission required.
Satisfactory-Fail Only.
7999005 1 ARRANGED
MEETS: MAY 17-AUG 6

ΙE 699 VAR. CREDITS Satisfactory-Fail Only.

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

### INFORMATION ASSURANCE

NTWRK PROTOCL&SECUR INFAS 430
Prereq: CPR E 288 OR CPR E 331
2068700 1 ARRANGED
MEETS: MAY 17-AUG 6 3 CREDITS

Note: Course delivery is WWW

NTWRK PROTOCL&SECUR INFAS 530
Prereq: CPR E 288 OR CPR E 331
8088700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW

ASSURNC INTERN INFAS 697 R CREDIT Prereq: PERMISSN OF DEPT, GRADUATE CLASSIFICATION Satisfactory-Fail Only. 1005 1 ARRANGED MEETS: MAY 17-AUG 6 INFO ASSURNC INTERN 8082005

## INTEGRATED STUDIO ARTS

STDY CERAMICS ARTIS 490B 1-6 CREDITS rereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT INDER STDY CERAMICS Note: Instructor permission required 1st week
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

INDEP STUDY DRAWING ARTIS 490D 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.

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

NDEP STDY TEXTILES ARTIS 490E 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
Materials and equipment use fee \$25.00
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STDY TEXTILES

IND ST ILLUSTRATION ARTIS 490F 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY METALS ARTIS 490G 1-6 CREDITS

Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT

Note: Instructor permission required 1st week.

Materials and equipment use fee \$75.00

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

INDEP STUDY HONORS ARTIS 490H 1-6 CREDITS

Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR

ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMNT.

MEMBERSHIP IN UNIVERSITY HONORS PROGRAM.

Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY

Materials and equipment use fee \$25.00

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

INDEP STDY PAINTING ARTIS 4901 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.

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

IND STU PHOTOGRAPHY ND STU PHOTOGRAPHY ARTIS 490J 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ND STU PRINTMAKING ARTIS 490K 1- 6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMENT
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU PRINTMAKING

NDEP STDY FURNITUR ARTIS 490L 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQ'D FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Instructor permission required 1st week.
Materials and equipment use fee \$90.00
\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STDY FURNITUR

IND STU MIXED MEDIA ARTIS 490M 1-6 CREDITS
Prereq: WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMENT
Note: Materials and equipment use fee \$25.00
\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

WORKSHP:MIXED MEDIA ARTIS 493M 1- 3
Prereq: PERMISSION OF INSTRUCTOR
8162005 1 MTWRF 9:00-12:00
MTWRF 1:00-4:00
MEETS: MAY 17-JULY 9
Note: SEC 1 OFFERED FOR 3 CREDITS
Course delivery is On-site instruction

STUDIO INTERNSHIP ARTIS 497 1- 6 CREDITS Satisfactory-Fail Only.

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

SPL TOPICS CERAMICS ARTIS 590B VAR. CREDITS
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.
Note: Instructor permission required 1st week.
Materials and equipment use fee \$141.50
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS 1ST SS 2021 64

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OP COMPUTR A&D ARTIS 590C VAR. CREDIT Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD SPL TOP COMPUTR A&D CREDITS AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INTEGRATED STUDIO ARTS

TOPICS DRAWING ARTIS 590D VAR. CREDITS
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIVALENCY IN SPECIALZD
ARBA. WRITTEN APPROVAL OF INSTRUCTOR AND DEPT CHAIR SPCL TOPICS DRAWING ON REQUIRED FORM IN ADVANCE OF SEMESTER OF ENROLLMT.

Note: Instructor permission required 1st week.

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

SPL TOPC ILLUSTRATN ARTIS 590F VAR. CREDIT
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 SPL TOPC ILLUSTRATN

SPL TOPICS PAINTING ARTIS 5901 VAR. CREDIT:
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.
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PHOTOGRAPHY ARTIS 590J VAR. CREDIT 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.

SPL TOP PRINTMAKING ARTIS 590K VAR. CREDIT;
Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN,
OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD
AREA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIL
ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Instructor permission required 1st week.
Materials fee \$40.00
\*\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPCS FURNITUR ARTIS 590L VAR. CREDIT 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. Note: Instructor permission required 1st week.

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

SPL TOP MIXED MEDIA ARTIS 590M VAR. CREDIT Prereq: BACHELOR'S DEGREE IN ART AND/OR DSGN, OR EVIDENCE OF SATISFACTORY EQUIV IN SPECIALZD ARBA. WRITTEN APPROVAL OF INSTR AND DEPT CHAIR CREDITS ON REQUIRED FORM IN ADVANCE OF SEM OF ENROLLMT.
Note: Materials and equipment use fee \$25.00
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

NSHIP ARTIS 697 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS STUDIO INTERNSHIP

SIS ARTIS 699A VAR. CRE SEE DEPT FOR REFERENCE NUMBERS RESEARCH: THESIS CREDITS

RESRCH:THESIS EXHIB ARTIS 699B VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INTERDISCIPLINARY GRADUATE STUDIES

CREATIVE COMPONENT 4480005 1 ARRANG OMPONENT IGS 599 1 ARRANGED MEETS: MAY 17-AUG 6 VAR CREDITS

EARCH IGS 699 1 ARRANGED MEETS: MAY 17-AUG 6 THESIS RESEARCH 4481005 1 AR VAR. CREDITS

### INTERIOR DESIGN

INT DSGN INTERNSHIP ARTID 460
Prereq: ARTID 350, ARTID 360, ARTID 365
1 ARRANGED
MEETS: MAY 17-AUG 6 INT DSGN INTERNSHIP

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

INTERIOR DESIGN (CONTINUED)

ID TEACHNG PRACTICM ARTID 554 3 CREI
Prereq: ARTID 668 AND PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 3 CREDITS

PECIAL TOPICS ARTID 590 VAR. CREDITS
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

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

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

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

RESEARCH:THESIS-EXH ARTID 699B VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## INTERNATIONAL STUDIES

INTRO INT'L STUDIES TNTST 235 3 CREDITS INTRO INT'L STUDIES INTST 235 3 CRI
Note: Meets international perspectives reqmt

9582700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW

9582705 2 ARRANGED
MEETS: JUNE 14-JULY 9
Note: Course delivery is WWW

9582710 3 ARRANGED
MEETS: JULY 12-AUG 6
Note: Course delivery is WWW

STDY ABROAD HUMANIT INTST 395B 1-4 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
Instructor permission required.
7820025 RG ARRANGED
MEETS: MAY 17-AUG 6
Note: Tuition Category: Regents Summer Study Abroad

### IOWA LAKESIDE LABORATORY

COLOGY IA LL 3121 4 CREDITS

Note: Permission of Lakeside Lab Office required

http://www.continuetolearn.uiowa.edu/lakesidelab

3707005 1 MTWRF 8:00-5:00

MEETS: MAY 17-JUNE 11

Note: Tuition Category: Iowa Lakeside Lab

ORNITHOLOGY IA LL 326I 2 CREDITS NRNITHOLOGY IA LL 3261 2 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
3721005 1 MTWRF 8:00-5:00
MEETS: JUNE 14-JULY 9
Note: Tuition Category: Iowa Lakeside Lab

BEHAVIORAL ECOLOGY IA LL 404I 4 CREDITS
Prereq: TWO SEMESTERS OF BIOLOGY
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
8055005 1 ARRANGED
MEETS: MAY 17-AUG 6 BEHAVIORAL ECOLOGY

FIELD ARCHAEOLOGY IA LL 427I 1- 4 CREDIT Note: Permission of Lakeside Lab Office required 1- 4 CREDITS 

Note: Tuition Category: Iowa Lakeside Lab

ODUCTION TO GIS IA LL 4611 4 CREDITS
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
'005 1 ARRANGED
MEETS: MAY 17-AUG 6 INTRODUCTION TO GIS

UG INDEP STDY IA LL IA LL 4901 1-4 CREDITS
Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF
INSTRUCTOR

INSTRUCTOR
Note: Permission of Lakeside Lab Office required http://www.continuetolearn.uiowa.edu/lakesidelab 1005 1 ARRANGED MEETS: MAY 17-JUNE 11
Note: Tuition Category: Iowa Lakeside Lab 1010 2 ARRANGED MEETS: JUNE 14-JULY 9
Note: Tuition Category: Iowa Lakeside Lab 3984005

3984010

(CONTINUED)

3 CREDITS

ENVIRON DATA ANALYS IA LL 532 2 CREDITS
Prereq: AN UNDERGRADUATE COURSE IN STATISTICS,
UNDERSTANDING OF BASIC CONCEPTS SUCH AS CORRELATION
AND REGRESSION, AND FAMILIARITY WITH PC-BASED
SOFTWARE FOR DATA ANALYSIS
Note: Permission of Lakeside Lab Office required

http://www.continuetolearn.uiowa.edu/lakesidelab 8207005 1 ARRANGED MEETS: MAY 17-AUG 6

## **JOURNALISM & MASS COMMUNICATION**

MASS MEDIA &SOCIETY JL MC 101 3 CREDITS
Note: SEC A1 RESTRICTED TO ADVRT, JL MC, P R MAJORS
SEC A2 RESTRICTED TO MAJORS OTHER THAN ADVRT, JL MC,

R WILGENBUSCH E

4656005 A1 MTWRF 11:00-1:10 WILGENE MEETS: JUNE 14-JULY 9

Note: Course delivery is On-site instruction 4656010 A2 MTWRF 11:00-1:10 WILGENE MEETS: JUNE 14-JULY 9 WILGENBUSCH E

Note: Course delivery is On-site instruction

ID, DIVERSITY & MEDIA JL MC 140X
Note: Meets U.S. diversity reqmt

IOWA LAKESIDE LABORATORY

WITHERSPOON B

Note: Meets U.S. diversity reqmt 0517700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW

TEWRIT MASS MD JL MC 201 3 CREDITS
Prereq: CLASSIFICATION IN A GREENLEE SCHOOL
MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL REPORT&WRIT MASS MD MAJOR OR PERMISSION OF DEPARTMENT; PASS DEPARTMENTAL
ASSESSMENT EXAM IN LANGUAGE SKILLS BEFORE REGISTERNG;
ENGL 250; CREDIT OR ENROLLMENT IN JL MC 110
Note: COURSE RESTRICTED TO JL MC, ADVRT, P R MAJORS
4658005 1 MTWR 8:40-10:50 PROVENZANO G
ARRANGED

ARKANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
Syllabus: http://www.jlmc.iastate.edu/undergrad
/syllabi.html

COMM TECH&SOC CHANG JL MC 474 3 CREDITS
Prereq: JUNIOR CLASSIFICATION
Note: COURSE RESTRICTED TO JUNIOR CLASSIFICATION AND

Meets international perspectives reqmt
4692700 1 ARRANGED BOYLES J
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW

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

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

PRO MDIA INTERN:OPT JL MC 499B 1- 3 CREDITS
Prereq: JL MC 110, FORMAL FACULTY ADVISE APPROVAL
JL MC MAJORS: C+ OR BETTER IN JL MC 302 OR JL MC 303
ADVRT MAJORS: C+ OR BETTER IN JL MC 201 AND ADVRT 301
P R MAJORS: P R 301, C+ OR BETTER IN P R 321
Note: NO MORE THAN 6 CREDITS OF 499, 499A AND 499B FROM
THE GREENLEE SCHOOL MAY BE APPLIED TOWARD GRADUATION
DEPARTMENT PROPRIESSOR PROMISES.

Department permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SP TOP MEDIA STUDIE JL MC 590A VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

(CONTINUED) JOURNALISM & MASS COMMUNICATION

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

PROFESNL INTERNSHIP JL MC 591 PROFESNL INTERNSHIP JL MC 591 1- 2 CKEDIIS
Prereq: PERMISSION OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

REATIVE COMPONENT JL MC 599 VAR. CREI Prereq: APPROVED CREDIT COMPONENT PROPOSAL \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT

HESIS RESEARCH JL MC 699 VAR. CREI Prereq: APPROVED THESIS PROPOSAL \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS THESIS RESEARCH

### KINESIOLOGY

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

BIOMECHANICS KTN 355 3 CREDITS Prereq: PHYS 111 OR PHYS 115 5752005 1 MTWR 9:50-11:05 MEETS: MAY 17-JULY 9 Note: Course delivery is www OU F

EXERCISE PHYSIOLOGY KIN 358 3 CRE
Prereq: BIOL 255, BIOL 255L, BIOL 256 AND
BIOL 256L
5766005 1 MTWR 9:50-11:05 KING D
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction 3 CREDITS

MOTOR CNTROL LIFESP KIN 372 3 CREDITS Prereq: PSYCH 101 OR PSYCH 230, BIOL 255,256 9623005 1 MTWR 1:20-3:00 SAADAT S MEETS: MAY 17-JUNE 25 Note: Course delivery is On-site instruction

INTRN EXERCISE SCI KIN 485A 8-16 CREDITS

Prereq: ALL REQUIRED COURSES; C- OR BETTER IN

KIN 458, KIN 459, AND KIN 462; CLASSIFICATION IN A

KINESIOLOGY OR HEALTH MAJOR; CUMULATIVE GPA 2.0

Satisfactory-Fail Only.

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

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

PSTUDY HONORS KIN 490H 1- 2 CREDITS
Prereq: 6 CREDITS FROM KIN ADVANCED CORE AND
PERMISSION OF COORDINATOR
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
Instructor permission required lat mock INDEP STUDY HONORS

Instructor permission required 1st week.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS P E KIN 590A 1- 3 CREDITS Note: Instructor permission required 1st week
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

590E SPL TOP SPORT SOCIO KIN Note: Instructor permission required 1st week \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP SPORT PSYCH KIN 590F 1- 3 CREDITS Note: Instructor permission required 1st week
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

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

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

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

KINESIOLOGY (CONTINUED)

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

- SUP FLD EXP EX PHYS KIN 591D 1-6 CRED Prereq: 10 GRAD CR IN KIN AND/OR RELATED AREAS Note: Instructor permission required 1st week.
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- PRACTCM COLLEG TCHG KTN 592 Satisfactory-Fail Only.

  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- 599 CREATIVE COMPONENT KIN 1- 3 CREDITS Note: Instructor permission required 1st week
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- KIN 699 1- 6 CREDITS Note: Instructor permission required 1st week
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## LANDSCAPE ARCHITECTURE

- LAND ARCH INTERNSHP L A 444A R CRI Prereq: L A 341 OR PERMISSION OF ADVISER AND R CREDIT CHAIR
- 1 ARRANGED MEETS: MAY 17-AUG 6 3036005
- L ARCH STUDY ABROAD L A TH SIUDY ABROAD L A 444B R CRI Prereg: L A 341 OR PERMISSION OF ADVISER AND CHAIR 2005 1 ARRANGED MEETS: MAY 17-AUG 6
- LA NAT'L STDT XCHNG L A 444C R CREDIT Prereq: L A 341 OR PERMISSION OF ADVISER AND CHAIR
  6213005 1 ARRANGED
  MEETS: MAY 17-AUG 6
- TOPIC INTERDISCPLIN L A 4781 2-3 CREDITS
  Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
  Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
  3970005 1 ARRANGED YOST B
  MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW
- STDY LAND DSIGN L A 490A 1- 6 CREDITS Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM Note: Instructor permission required 1st week. IND STDY LAND DSIGN
- O STDY PLNTNG DSN L A 490B 1- 6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.

  \*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STDY PLNTNG DSN
- IND STUDY CONSTRUCT LA 490C 1-6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STUDY HISTORY L A 490D 1-6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STU LANDSC PLAN L A 490E 1- 6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STDY URBAN DSGN L A 490F 1- 6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STDY GRAPHICS L A 490G 1- 6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STUDY HONORS L A 490H 1-6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  MEMBERSHIP IN UNIV HONORS PROGRAM
  Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
  Instructor permission required 1st week.

  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STUDY INTERDISC LΑ 490I 1- 6 CREDITS Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.

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

(CONTINUED) LANDSCAPE ARCHITECTURE

- IND STU INT'L STUDI LA 490J 1-6 CREDITS

  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

  Note: Instructor permission required 1st week.

  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS
- IND STDY CMPTR APPL L A 490K 1-6 CREDITS

  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM

  Note: Instructor permission required 1st week.

  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STDY ECO DESIGN L A 490L 1-6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STDY SOCIAL/BHV L A 490M 1-6 CREDITS
  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ND STU NATU RESRCE L A 490N 1-6 CREDITS

  Prereq: INSTR & DEPT CHAIR APPROVAL ON REQ'D FORM
  Note: Instructor permission required 1st week.

  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU NATU RESRCE
- COPIC INTERDISCPLIN L A 5781 2-3 CREDITS
  Prereq: L A 202 OR SENIOR OR GRAD CLASSIFICATION
  Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
  7202005 1 ARRANGED YOST B
  MEETS: JUNE 14-AUG 6
  Note: Course delivery is WWW TOPIC INTERDISCPLIN
- TOPICS CMPUTR APPS L A 578K 2-3 CREDITS
  Prereq: SENIOR OR GRAD CLASSIFICATION
  Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
  9968005 1 MWF 8:40-10:50
  MEETS: JUNE 14-AUG 6
  - Note: Course delivery is On-site instruction
- THESIS,CRTV CMP,TUT L A 580 1- 4 CREI Prereq: PERMISSION OF MAJOR PROFESSOR Note: Instructor permission required 1st week. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS
- SPL TOP LANDSC DSGN OP LANDSC DSGN L A 590A 1-6 CREE Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week.
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- PL TOPC PLNTNG DSN L A 590B 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week.

  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOPC PLNTNG DSN
- SPL TOPC CONSTRUCTN L A 590C 1-6 CREDITS
  Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
  GRADUATE EDUCATION ON REQUIRED FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SPCL TOPICS HISTORY L A 590D 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week. 590D 1- 6 CREDITS
- SPL TOP LANDSC PLAN L A 590E 1-6 CREDITS
  Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
  GRADUATE EDUCATION ON REQUIRED FORM
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SPL TOP URBAN DSIGN L A 590F 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week.
- SPL TOPICS GRAPHICS L A 590G 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week. 590G 1- 6 CREDITS
- SPL TOP INTERDISCIP L A 5901 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week.
- SPL TOP INT'L STUDI L A 590J 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week.

IND STU LINGUISTICS LING 490B VAR. CREDITS
Prereq: 9 CR IN ENGL BEYOND ENGL 250 APPROPRIATE
TO THE TOPIC, JR CLASSIFICATION, PERMISSION OF THE
UNDERGRADUATE STUDIES COMMITTEE

Note: Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

1ST SS 2021 LANDSCAPE ARCHITECTURE (CONTINUED) LIBERAL ARTS & SCIENCES (CONTINUED) SPL TOPC CMPTR APPL L A 590K 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week. SERVICE LEARNNG LAS 491A 1-4 CREDITS Prereq: PERMISSION OF THE COLLEGE OF LAS Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021 \*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 6 CREDITS ADV SERVICE LEARNIG ADV SVC LRN:INTL PR LAS 491C 1-4 CREDITS
Prereq: PERMISSION OF THE COLLEGE OF LAS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
Meets international perspectives regmt
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ADV SVC LRN: TNTL PR SPL TOPC ECO DESIGN L A 590L 1-6 CREDITS
Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF
GRADUATE EDUCATION ON REQUIRED FORM
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INTERNSHIP/CO-OP LAS 498 R CREI Prereq: PERMISSION OF LAS CAREER SERVICES; LAS MAJORS; JUNIOR OR SENIOR CLASSIFICATION Note: Instructor permission required. Satisfactory-Fail Only. 4543015 1 ARRANGED MEETS: MAY 17-AUG 6 4543010 2 ARRANGED MEETS: MAY 17-AUG 6 SPL TOP SOCIAL/BEHV L A 590M 1-6 CRED Prereg: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP NATU RESRCE L A 590N 1-6 CRED Prereq: APPROVAL OF INSTRUCTOR AND DIRECTOR OF GRADUATE EDUCATION ON REQUIRED FORM Note: Instructor permission required 1st week. 1- 6 CREDITS INTERNSHIP LAS 499 1-4
Prereq: PERMISSION OF LAS CAREER SERVICES
4466005 1 ARRANGED
MEETS: MAY 17-AUG 6 INTERNSHIP 1- 4 CREDITS TIVE COMPONENT L A 599 1-8 CREI Prereq: PERMISSION OF MAJOR PROF Note: Instructor permission required 1st week. \*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT 1- 8 CREDITS LIBRARY INFORMATN LITERACY LIB 160 1 CF
Prereq: COMPLETION OF ENGL 101 REQUIRED FOR
STUDENTS PLACED IN ENGL 101
Satisfactory-Fail Only.
4862005 1 MW 11:00-12:00
ARRANGED
ARRANGED CHESIS RESEARCH L A 699 1-8 CREDITS
Prereq: PERMISSION OF MAJOR PROFESSOR
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS THESIS RESEARCH LATIN MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW INDEPENDENT STUDY LATIN 490 1-6 CREDITS

Prereq: 6 CR IN LATIN; PERMISSION OF DEPT CHAIR

Note: NO MORE THAN 9 CREDITS IN LATIN 490 MAY BE

APPLIED TOWARD GRADUATION

Permission of department chair required.

\*\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS LINGUISTICS INTRO WORLD LANGUAG LING 119 3 CREDIT Note: Meets international perspectives reqmt 6257005 1 TR 10:00-12:00 MEETS: JUNE 15-JULY 15
Note: Course delivery is Hybrid (Online and F2F) LEADERSHIP STUDIES A LING APPRCH TABOO LING 169X 0956700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS BARRIUSO T INDEPENDENT STUDY LD ST 290 1- 3 CRED Prereq: PERMISSION OF THE INSTRUCTOR SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS LEADERSHIP THEORIES LD ST 301X 0909700 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW 3 CREDITS WILLIAMS K COMUNICAT WITH DEAF LING 286 3 CREDITS
Note: Meets U.S. diversity reqmt
8597700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
Syllabus: http://faculty.sites.iastate.edu/giri/page LDRSHP DIVERSE SOCI 3 CREDITS DRSHP DIVERSE SOCI LD ST 322
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity regmt
4949700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW CARDANT-TROLLING INTRO CULTUR&LANGUA LING 309 3 CRI Prereq: ANTHR 201 RECOMMENDED Note: Meets international perspectives reqmt 8599700 1 ARRANGED MEETS: JULY 12-AUG 6 3 CREDITS WIDNER T Note: Course delivery is WWW WOMEN & LEADERSHIP LD ST 333
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
4980700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW 3 CREDITS THEORY OF COMPUTING LING 331 3 CREDITS THEORY OF COMPUTING LING 331 3 CREDIT

Prereq: COM S 228, COM S 229, COM S 330 OR CPR E
310; MATH 166, ENGL 250

Note: COURSE RESTRICTED TO COM S MAJORS ONLY

8601700 1 MTWRF 11:00-12:00 FU X

MW 12:10-1:10 FU X

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW WINFREY K INDEPENDENT STUDY LD ST 490 1- 3 CRES

Prereq: PERMISSION OF INSTRUCTOR

Note: Department permission required.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS INTR SPAN/ENG TRNSL LING 351 3 CREDITS
Prereq: SPAN 301, SPAN 303 OR SPAN 304
Note: Meets international perspectives reqmt
4036700 1 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW LIBERAL ARTS & SCIENCES NSHIP/CO-OP LAS 298 R CREDIT
Prereq: PERMISSION OF LAS CAREER SERVICES;
LAS MAJORS; FRESHMAN OR SOPHOMORE CLASSIFICATION
Note: Instructor permission required.
Satisfactory-Fail Only.
015 1 ARRANGED
MEETS: MAY 17-AUG 6
010 2 ARRANGED
MEETS: MAY 17-AUG 6 INTERNSHIP/CO-OP LANG&RDG DEVEL CHLD LING 471 3 CREDITS
Prereq: CMDIS 275 OR LING 275 OR PSYCH 230 OR
OR ENGL 219
8606700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
Syllabus: http://faculty.sites.iastate.edu/giri/page LANG&RDG DEVEL CHLD /471summer

IND STDY ENTREPRNSH LAS 490E VAR. CREDITS TDY ENTREPRISH LAS 490E VAR. CREDITS Prereq: PERMISSION OF THE LAS COLLEGE Note: PERMISSION OF THE DEAN OF LAS REQUIRED TO ADD. PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES CENTER. NO MORE THAN 9 CREDITS OF LAS 490 MAY BE APPLIED TOWARD GRADUATION.

College permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

1ST SS 2021

(CONTINUED) LING 490D IND STDY LING ANTHR 1- 5 CREDITS 9 CREDITS IN ANTHROPOLOGY Note: Instructor permission required 1st week.
\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LANGU ASSESS PRACTM LING 513 3 CREDITS Prereq: ENGL 519 9060005 1 ARRANGED MEETS: MAY 17-AUG 6 OCKEY G

SPL TOP TESL/LINGUI LING 590B VAR. CREDITS Prereg: PERMISSION OF THE GRADUATE STUDIES
COMMITTEE ACCORDING TO GUIDELINES AVAILABLE IN THE DEPARTMENT OFFICE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP APP LING&TEC LING 590G VAR. CREDITS
Prereq: PERMISSION OF GRADUATE STUDIES COMMITTEE
ACCORDING TO GUIDELINES AVAILABLE IN ENGL DEPT OFFICE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### MANAGEMENT

LINGUISTICS

PRENRSHP&INNOV MGMT 310 3 CREDITS Prereq: SOPHOMORE CLASSIFICATION Note: COURSE RESTRICTED TO UNDERGRAD MAJORS OTHER ENTREPRENRSHP&INNOV 3 CREDITS

THAN P BUS.
5318005 1 ARRANGED
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW

MGMT 371 ORGANIZATNAL BEHAVR 3 CREDITS ORGANIZATNAL BEHAVR MGMT 371
Prereq: SOPHOMORE CLASSIFICATION
Note: COURSE NOT OPEN TO P BUS MAJORS
5283005 1 ARRANGED F
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
2 ARRANGED F
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

BELLEGANTE-KOMOD

BELLEGANTE-KOMOD

RESPONSBL MGT BSNSS MGMT 372 3 CREDITS

Prereq: PHIL 230
7048005 1 ARRANGED WATT J
MEETS: MAY 17-JUNE 11
Note: SEC 1 RESTRICTED TO UNDERGRADS IN ACCT, ACSCI,
BU AN, BUSEC, BUS U, ENTSP, FIN, MGMT, MIS, MKT &

BU AN, BUSEC, BUS U, ENTSP, FIN, MGMT, MIS, MKT & SCM MAJORS ONLY
Course delivery is WWW
7048010 2 ARRANGED CROXDALE J
MEETS: JUNE 14-AUG 6
Note: SEC 2 RESTRICTED TO UNDERGRADS IN ACCT, ACSCI, BU AN, BUSEC, BUS U, ENTSP, FIN, MGMT, MIS, MKT & SCM MAJORS ONLY
Course delivery is WWW

STRATEGIC MANAGEMNT MGMT 478 3 CREDITS
Prereq: ACCT 285; FIN 301; MGMT 370 OR MGMT 371;
MKT 340; SCM 301 AND SENIOR CLASSIFICATION
Note: COURSE RESTRICTED TO SENIORS IN THE COLLEGE OF

BUSINESS
5294005 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW
5294010 2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW BUSINESS BHATTACHARYYA R

WRIGHT A

INDEPENDENT STUDY MGMT 490 1-3
Prereq: SENIOR CLASSIFICATION, INSTRUCTOR
PERMISSION 1- 3 CREDITS

Note: COURSE NOT OPEN TO GRADUATE STUDENTS Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPECIAL TOPICS MGMT 590 1- 3 CREDITS

Prereq: PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESRCH PRACTICUM I MGMT 650 1 CRES
Prereq: ENROLLMENT IN PH D PROGRAM
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESRCH PRACTICUM I 1 CREDIT

RESRCH PRACTICUM MGMT 651 1 CREI Prereq: ENROLLMENT IN PH D PROGRAM \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESRCH PRACTICUM

## MANAGEMENT INFORMATION SYSTEMS

FUND CPTR PROGRAMNG MIS 207 3 CRED Prereq: MATH 150 OR PLACEMENT INTO MATH 140 OR

HIGHER 3700 1 MTWRF 11:00-12:00 TR 2:30-3:30 MEETS: MAY 17-JULY 9 Note: Course delivery is WWW

MANAGEMENT INFORMATION SYSTEMS (CONTINUED)

3 CREDITS MIS 301 MGMT INFO SYSTEMS Prereq: COM S 113
Note: COURSE RESTRICTED TO UNDERGRAD BUISNESS STUDENTS Note:

Note: COURSE RESTRICTED TO UNDERGE
EXCEPT P BUS
4394005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
4394010 2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

INFO SYST ANALYSIS MIS 310 3 CREDITS

Prereq: CREDIT OR ENROLLMENT IN MIS 301

Note: COURSE RESTRICTED TO UNDERGRAD BUISNESS STUDENTS

EXCEPT P BUS

5290005 1 ARRANGED

MEETS: MAY 17-JUNE 25

Note: Course delivery is WWW

INDEPENDENT STUDY MIS 490 1-3 CRED Prereq: MIS 301, SENIOR CLASSIFICATION, PERMISSION OF INSTRUCTOR

Note: Department permission required.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

ADV BUS SOFTWRE DEV MIS 532 3 CREDITS
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
5078700 1 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW

PROJECT MANAGEMENT MIS 537 PROJECT MANAGEMENT MIS 537 3 CREDITS
Prereq: MIS 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
2187700 1 TR 5:50-9:10PM
MEETS: MAY 11-JUNE 17
Note: Course delivery is On-site instruction
Materials and equipment use fee \$189.00
Taught at, in or by DES MOINES

SPECIAL TOPICS MIS 590 1- 3 CREDITS Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CREATIVE COMPONENT MTS 599 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF SUPERVISORY COMMITTEE CHAIR

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

1 CREDIT

RSEARCH PRACTICUM I MIS 650 1 CRE
Prereq: ENROLLMENT IN THE PH D PROGRAM
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICM II MIS 651 1 CREI Prereq: ENROLLMENT IN THE PH D PROGRAM \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MTS 699 Prereq: GRADUATE CLASSIFICATION, PERMISSION OF
MAJOR PROFESSOR
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## **MARKETING**

PRIN OF MARKETING MKT 340 3 CREDITS Prereq: CREDIT OR ENROLLMENT IN ECON 101 Note: COURSE NOT OPEN TO P BUS MAJORS AND GRADUATE STUDENTS

FLEMING S

| STUDENTS FLEMING S

Note: Course delivery is WWW

STRATEGC MRKTNG MGT MKT 443 3 CF
Prereq: MKT 444, MKT 447
Note: COURSE RESTRICTED TO MKT SENIORS ONLY
5358005 1 ARRANGED CRECED
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW 3 CREDITS CRECELIUS A

INDEPENDENT STUDY MKT 490 1-3 C
Prereq: MKT 340, SENIOR CLASSIFICATION;
PERMISSION OF INSTRUCTOR
Note: COURSE NOT OPEN TO GRADUATE STUDENTS 1- 3 CREDITS Department permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

CUST RELATNSHP MGMT MKT 548X 3 CREDITS
Prereq: MKT 501
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS
0511700 1 MW 5:50-9:10PM RAMASWAMI S
MEETS: MAY 10-JUNE 16
Note: Course delivery is WWW

(CONTINUED)

STRATGIC MKT ANLYTC MKT 552 3 C 2HANG METTS: JUNE 14-AUG 6 Note: SEC 1 RESTRICTED TO BU AN GRADS ONLY Course delivery is WWW 3 CREDITS ZHANG W

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

RSEARCH PRACTICUM I MKT 650 1 CREI Prereq: ENROLLMENT IN THE PH D PROGRAM \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1 CREDIT

RSEARCH PRACTICM II MKT 651 1 CREDIT Prereq: ENROLLMENT IN THE PH D PROGRAM
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### MATERIALS ENGINEERING

MARKETING

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

NDEPENDENT STUDY MAT E 490C VAR. CREDITS
Prereq: PERMISSION OF DEPARTMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY

HONORS INDEP STUDY MAT E 490H VAR. CREDITS Prereq: PERMISSION OF DEPARTMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

NDEP STDY:RESEARCH MAT E 490R VAR. CREDITS
Prereq: PERMISSION OF DEPARTMENT
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STDY: RESEARCH

### MATERIALS SCIENCE & ENGINEERING

PECIAL TOPICS M S E 590 VAR. CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS VAR. CREDITS

CREATIVE COMPONENT M S E 599 VAR. CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ADV TOPICS MATRL SC M S E 690 VAR. CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS

ENGINEERG INTERNSHP M S E 697 R CREDIT
Prereq: PERMISSION OF DEPARTMENT, GRAD CLASSIFCTN
Satisfactory-Fail Only.
4307005 1 ARRANGED
MEETS: MAY 17-AUG 6 ENGINEERG INTERNSHP

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

## **MATHEMATICS**

INTRO TO PROBABILTY MATH 104 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
HIGH SCHOOL GEOMETRY

Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS
EARNED IN MATH 104 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS.

5128700 1 ARRANGED

MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW

Note: Course delivery is WWW

COLLEGE ALGEBRA MATH 3 CREDITS COLLEGE ALGEBRA MATH 140 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
HIGH SCHOOL GEOMETRY OR MATH 30

5132005 1 MTWRF 11:00-12:00
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction

5132700 2 ARRANGED
MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

5132705 3 ARRANGED
MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW 140

PREP FOR CALCULUS MATH 143 4 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
HIGH SCHOOL GEOMETRY OR MINIMUN OF C- IN MATH 140
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION.
7342005 1 MTWRF 8:40-10:00
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction

MATHEMATICS (CONTINUED)

APPLD TRIGONOMETRY MATH 145 3 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA; 1 YEAR OF
HIGH SCHOOL GEOMETRY OR MINIMUM OF C- IN MATH 140
Note: CREDIT FOR EITHER MATH 143 OR MATH 145, BUT
NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDIT
FOR ONLY ONE OF THE FOLLOWING COURSES MAY BE APPLIED
TOWARD GRADUATION: MATH 141, MATH 142, MATH 143.

9173005 1 MTWRF 8:40-9:40
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction APPLD TRIGONOMETRY

MATH BUS&SOC S MATH 150 3 CREDITS Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF HIGH SCHOOL GEOMETRY DISC MATH BUS&SOC S

HIGH SCHOOL GEOMETRY

Note: CREDIT FOR EITHER MATH 104 OR MATH 150, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION. CREDITS EARNED IN MATH 150 CANNOT BE APPLIED TOWARD GRADUATION BY MATH MAJORS.

5135005 1 MTWRF 9:50-10:50
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction
5135010 2 MTWRF 11:00-12:00
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
5135700 3 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

Note: Course delivery is www

BUS & SOC SCI CALC MATH 151 3 CREDITS
Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
HIGH SCHOOL GEOMETRY; OR MATH 140
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
MATH 160, MATH 165-166, MATH 181-182. CREDITS EARNED
IN MATH 151 CANNOT BE APPLIED TOWARD GRADUATION BY
MATH MAJORS. 6 CREDITS OF MATH 151, 181, 165 (OR 166)
MAY BE APPLIED TOWARD GRADUATION IF NO OTHER CALCULUS
HAS BEEN TAKEN.

5136005 1 MTWRF 9:50-10:50
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction
5136010 2 MTWRF 12:10-1:10
MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction
5136700 3 ARRANGED
MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW BUS & SOC SCI CALC

Process Could Math 160 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT

ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR
OF GEOMETRY; OR C- OR BETTER IN MATH 140; OR C- OR
BETTER IN MATH 143

Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
MATH 160, MATH 165-166, MATH 181-182. CREDITS EARNED
CREDITS EARNED IN MATH 160 CANNOT BE APPLIED TOWARD
GRADUATION BY MATH MAJORS.

7005 1 MTWRF 11:00-12:10
MEETS: MAY 17-JULY 9

Note: Course delivery is On-site instruction SURVEY OF CALCULUS

5137005

ULUS I MATH 165 4 CREDITS

Prereq: SATISFACTORY PERFORMANCE ON PLACEMENT
ASSESSMENT, 2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF
GEOMETRY, 1 SEMESTER OF TRIGONOMETRY; OR C - OR
BETTER IN MATH 143
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
MATH 160, MATH 165-166, MATH 181-182
8005 1 MTWRF 8:40-10:00
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
8010 2 MTWRF 8:40-10:00
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction
8015 3 MTWRF 8:40-10:00
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
8700 4 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is on-site instruction
8700 5 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
8705 5 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW CALCULUS T MATH 165 4 CREDITS

5138005

Note: 5138010

5138015

Note: 5138700

Note: 5138705

CALCULUS II MATH 166 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 165 OR HIGH
MATH PLACEMENT SCORES
Note: ONLY ONE OF THE FOLLOWING COURSES/SEQUENCES OF
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 151,
MATH 160, MATH 165-166, MATH 181-182. 6 CREDITS OF
MATH 151, MATH 181, MATH 165 (OR 166) MAY BE APPLIED
TOWARD GRADUATION IF NO OTHER CALCULUS HAS BEEN TAKEN
5139005 1 MTWRF 11:00-12:20
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
5139010 2 MTWRF 11:00-12:20
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction
5139015 3 MTWRF 11:00-12:00
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction

1ST SS 2021 MATHEMATICS (CONTINUED) MATHEMATICS (CONTINUED) CALCULUS II MATH 166 5139700 4 ARRANGED INDEPENDENT STUDY MATH 290 4 CREDITS 1- 3 CREDITS PROPERTY STORY
Prereq: PERMISSION OF INSTRUCTOR
Note: Department permission required.
1005 1 ARRANGED
MEETS: MAY 17-AUG 6 5139700 4 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
5139705 5 ARRANGED
MEETS: JUNE 14-AUG 6 INDEP STUDY HONORS MATH 290H 1-3 (
Prereq: MEMBERSHIP IN UNIV HONORS PROGRAM, Note: Course delivery is WWW 1- 3 CREDITS MATRCES&LINEAR ALGB MATH 207 3 CREDITS
Prereq: 2 SEMESTERS OF CALCULUS
Note: CREDIT FOR MATH 207 OR MATH 317, BUT NOT BOTH,
MAY BE APPLIED TOWARD GRADUATION
5161005 1 MTWRF 8:40-9:40
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
5161010 2 MTWRF 8:40-9:40
MEETS: JUNE 14-JULY 9
Note: Course delivery is On-site instruction
5161700 3 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW PROFESSION OF INSTRUCTOR
Note: Department permission required.
5157005 1 ARRANGED
MEETS: MAY 17-AUG 6 MATRCES&LINEAR ALGB COOPERATIVE EDUC MATH 398 R CREDIT Prereq: PERMISSION OF THE DEPARTMENT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION R CREDIT 4551005 1 ARRANGED MEETS: MAY 17-JULY 9 ANALYSIS I MATH 414 3

Prereq: GRADE OF C- OR BETTER IN MATH 201

5171005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is www ANALYSIS I 3 CREDITS DISCRETE CMP STRUCT MATH 230 3 CREDI Prereq: C- OR BETTER IN COM S 227 AND MATH 165; ENGL 150 0031700 1 MTWRF 11:00-12:00 DENEKE J MW 12:10-1:10 DENEKE J MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW INDEPENDENT STUDY MATH 490 1- 3 CREDITS NDEPENDENT STUDY MAI'H 490 1-3 CAEDIIS
PYETEG! PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H
MAY BE APPLIED TOWARD GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS JLUS III MATH 265 4 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 4 CREDITS INDEP STUDY HONORS MATH 490H 1-3 CREDITS

Prereq: PERMISSION OF INSTRUCTOR. MEMBERSHIP
IN THE UNIVERSITY HONORS PROGRAM.

Note: NO MORE THAN 9 CREDITS OF MATH 490 OR MATH 490H
MAY BE APPLIED TOWARD GRADUATION. RESTRICTED TO
MEMBERS OF THE UNIVERSITY HONORS PROGRAM ONLY.
Department permission required.

5183005 1 ARRÂNGED
MEETS: MAY 17-AUG 6 UNDERGRAD THESIS MATH 491 2-3 CREDITS
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021
Department permission required.
5184005 1 ARRANGED
MEETS: MAY 17-JULY 9 DIFF EQUATNS MATH 266 3 CREDITS
Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH
166H ELEM DIFF EQUATNS INDEPENDENT STUDY MATH 590 VAR. CRE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267,
MATH 266, MATH 269, MATH 269X.

5152005 1 MTWRF 12:10-1:30
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction
5152010 2 MTWRF 12:10-1:30
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction
5152015 3 ARRANGED
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW CREATIVE COMPONENT MATH 599 VAR. CREDITS REATIVE COMPONENT MAIN OF VERY CALL.
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SEMINAR MATH 610 VAR. CREDITS
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021
5231005 LH ARRANGED
MEETS: JUNE 14-AUG 6 SEMINAR Note: Course delivery is On-site instruction RESEARCH MATH 699 VAR. CREDITS Satisfactory-Fail Only.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS MECHANICAL ENGINEERING DIFF EQ & TRANSFMS MATH 267 4 CREDITS Prereq: GRADE OF C- OR BETTER IN MATH 166 OR MATH 166H ENGR THERMODYNAMS I M E 231 3 CREDITS

Prereq: MATH 166, CHEM 167, PHYS 221

Note: CREDIT FOR EITHER M E 231 OR M E 330, BUT NOT

BOTH, MAY APPLY TOWARD GRADUATION

4877005 1 MTWRF 12:10-1:30

MEETS: MAY 17-JUNE 25

Note: Course delivery is Hybrid (Online and F2F) 166H
Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268
PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD
GRADUATION. CREDIT FOR ONLY ONE OF THE FOLLOWING
COURSES MAY BE APPLIED TOWARD GRADUATION: MATH 267,
MATH 266, MATH 269, MATH 269X.

5153005 1 MTWRF 12:10-1:30
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
5153010 2 MTWRF 12:10-1:30
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction
5153700 3 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW MANUFACTURING ENGR M E 324 3 CREDITS
Prereq: M E 270, E M 324, MAT E 273, M E 324L
Note: COURSE RESTRICTED TO M E, A E MAJORS ONLY.
6277005 1 MTWRF 7:30-8:50
MEETS: JUNE 28-AUG 6
Note: Course delivery is On-site instruction ENGR THERMODYNMS II M E 332 3 CREDITS NGR THERMODYNMS 11 M E 332 3 CREDIT Prereq: M E 231

Note: COURSE RESTRICTED TO M E MAJORS ONLY 4878010 1 MTWRF 12:10-1:30

MEETS: JUNE 28-AUG 6

Note: Course delivery is Hybrid (Online and F2F) LAPLACE TRANSFORMS MATH 268 1 CREDIT Prereq: MaTH 266 Note: CREDIT FOR EITHER MATH 267 OR THE MATH 266,268 PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED TOWARD GRADUATION GRADUALION
Instructor permission required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS FLUID FLOW M E 335 4 CREDITS
Prereq: M E 345, MATH 266 OR MATH 267,
CREDIT OR ENROLLMENT IN M E 332
Note: COURSE RESTRICTED TO M E MAJORS ONLY
2-PART COURSE. REGISTER FOR A LECTURE SEC
FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T
REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE
COURSE DUE TO INCOMPLETE REGISTRATION.

5703105 A MTWRF 11:00-12:20
MEETS: MAY 17-JUNE 25
Note: Course delivery is On-site instruction
5703005 1 TR 2:30-4:55
MEETS: MAY 17-JUNE 25
Note: Course delivery is Hybrid (Online and F2F)
5703010 2 MW 2:30-4:55
MEETS: MAY 17-JUNE 25
Note: Course delivery is Hybrid (Online and F2F)
Note: Course delivery is Hybrid (Online and F2F) FLUID FLOW SYSTMS OF DIFF EQUA MATH 269 1 CREDIT
Prereq: FAMILIARITY WITH ORDINARY DIFFERENTIAL
EQUATIONS OF FIRST AND SECOND ORDER, PERMISSION
OF DEPARTMENT
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: MATH 266, MATH 267,
MATH 269X, MATH 269
Instructor permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

70

MECHANICAL ENGINEERING (CONTINUED)

FLUID FLOW M E 335 4 CREDIT 5703015 3 TR 8:00-10:25 MEETS: MAY 17-JUNE 25 Note: Course delivery is Hybrid (Online and F2F) 4 CREDITS

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

SYST DYNAM &CONTROL M E 421 4 CREDITS
Prereq: M E 345, MATH 267, E E 442, E E 448
Note: COURSE RESTRICTED TO M E MAJORS ONLY
2-PART COURSE. REGISTER FOR A LECTURE SEC
FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T
REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE
COURSE DUE TO INCOMPLETE REGISTRATION.
6310105 A MTWRF 12:10-1:30
MEETS: MAY 17-JUNE 25
Note: Course delivery is on-site instruction
6310005 1 MW 2:30-4:55
MEETS: MAY 17-JUNE 25
Note: Course delivery is Hybrid (Online and F2F)
6310010 2 TR 2:30-4:55
MEETS: MAY 17-JUNE 25
Note: Course delivery is Hybrid (Online and F2F)
6310010 2 TR 2:30-4:55
MEETS: MAY 17-JUNE 25
Note: Course delivery is Hybrid (Online and F2F)

436 4 CREDITS HEAT TRANSFER ME TRANSFER M E 436 4 CREDITS
Prereq: M E 335
Note: COURSE RESTRICTED TO M E MAJORS ONLY
2-PART COURSE. REGISTER FOR A LECTURE SEC
FIRST AND THEN A LAB SEC. STUDENTS WHO DON'T
REGISTER FOR BOTH LECTURE AND LAB SHOULD DROP THE R

5711105 A MTWRF 9:50-11:10

MEETS: JUNE 28-AUG 6

MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW
5711005 1 TR 1:20-3:45
MEETS: JUNE 28-AUG 6
Note: Course delivery is Hybrid (Online and F2F)
5711010 2 MW 12:00-2:25
MEETS: JUNE 28-AUG 6
Note: Course delivery is Hybrid (Online and F2F)

INDEP STUDY HONORS M E 490H 1-6 CREDITS
Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
IN ORDER FOR AN INDEPENDENT STUDY PROPOSAL TO BE
CONSIDERED FOR THE CURRENT SEMESTER, IT MUST BE
COMPLETE & SUBMITTED NO LATER THAN THE END OF THE
3RD WEEK OF THE SEMESTER.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:NON TECH E M E 490N 1-6 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY:TECH ELECT M E 490T 1-6 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

LABORATORY COMPONET OMPONET M E 491X 1-3 CRE SEE DEPT FOR REFERENCE NUMBERS

VESTIG M E 5900 1-8 CRE SEE DEPT FOR REFERÊNCE NUMBERS SP TOP LIT INVESTIG

SPL TP BIO&NANO SCI M E 590T 1-8 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TP CMPLX FLU SY M E 590U 1-8 CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 590U 1- 8 CREDITS

SPL TOP CLEAN ENRGY M E 590V 1-8 CRE \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 590V 1- 8 CREDITS

SPL TP DS&MFG INNOV M E 590W 1-8 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

VISULZ M E 590Z 1-8 CRE SEE DEPT FOR REFERENCE NUMBERS SPL\_TP\_SIMUL&VISULZ

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

COMPUT M E 6900 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS 6900 VAR. CREDITS ADV TOP ENGR COMPUT

NVESTG M E 6900 VAR. CREDITS SEE DEPT FOR REFERENCE NUMBERS ADV TOP LIT INVESTG

ADV TOP BIOL&NANOSC M E 690T VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

ADV TOP CPLX FLU SY M E 690U VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

MECHANICAL ENGINEERING (CONTINUED)

690V VAR. ADV TOP CL ENRGY TC M E 690V VAR. CRE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

ADV TP DS&MFG INNOV M E 690W VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

ADV TOP SIMU&VISUAL M E 690Z VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

ENGINEERG INTERNSHP M E 697 R CREI Prereq: PERMISSION OF DIRECTOR OF GRADUATE EDUCATION, GRAD CLASSIFICATION Satisfactory-Fail Only. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

M E 699 VAR. CREDITS Satisfactory-Fail Only.

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

### **METEOROLOGY**

INTRO WEATHER&CLIMT MTEOR 206 5375700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS FLORY D

COOPERATIVE EDUCATN MTEOR 298 R CREDIT
Prereq: PERMISSION OF THE DEPT COOPERATIVE
EDUCATION COORDINATOR; SOPHOMORE CLASSIFICATION
4813005 1 ARRANGED
MEETS: MAY 17-AUG 6

METEOROL INTERNSHIP MTEOR 321 1-2 CREDITS
Prereq: MTEOR 311; JR OR SR STANDING; PERMISSION
OF COOP PROGRM COORD; ACCEPTANCE BY SPONSORING AGENCY
Satisfactory-Fail Only.
5381005 1 ARRANGED
MEETS: MAY 17-AUG 6 METEOROL INTERNSHIP

COOPERATIVE EDUCATN MTEOR 398 R CRED Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; JUNIOR CLASSIFICATION R CREDIT 1 ARRANGED MEETS: MAY 17-AUG 6

IND STUDY SYNOPTIC MTEOR 490A 1-3 CREDIT Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION 8424005 1 ARRANGED MEETS: MAY 17-AUG 6 1- 3 CREDITS

INDEP STUDY DYNAMIC MTEOR 490B 1-3 CREDIT Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION 8425005 1 ARRANGED MEETS: MAY 17-AUG 6 1- 3 CREDITS

IND STUDY PHYSICAL MTEOR 490C 1-3 CREDIT Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION

8426005 1 ARRANGED MEETS: MAY 17-AUG 6

IND STU INSTRUMENTN MTEOR 490D 1- 3 CREDITS
Prereq: 6 CREDITS IN MTEOR, INSTRUCTOR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION
1010005 1 ARRANGED
MEETS: MAY 17-AUG 6

IND STUDY HYDROLOGY MTEOR 490E 1-3 CREDIT;
Prereq: 6 CREDITS IN MTEOR, INSTRUCTR PERMISSION
Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE
APPLIED TOWARD GRADUATION

8668005 1 ARRANGED
MEETS: MAY 17-AUG 6 1- 3 CREDITS

IND STU CLIMATE/WTR MTEOR 490F 1- 3 CREDITS Note: NO MORE THAN 9 CREDITS IN MTEOR 490 MAY BE APPLIED TOWARD GRADUATION 3583005 1 ARRANGED MEETS: MAY 17-AUG 6

COOPERATIVE EDUCATN MTEOR 498 R CRED Prereq: PERMISSION OF THE DEPT COOPERATIVE EDUCATION COORDINATOR; SENIOR CLASSIFICATION 4824005 1 APPAMICED R CREDIT 1 ARRANGED MEETS: MAY 17-AUG 6

SPL TOP BOUND-LAYER MTEOR 590A
Prereq: PERMISSION OF INSTRUCTOR
8427005 1 ARRANGED
MEETS: MAY 17-AUG 6 1- 3 CREDITS 1ST SS 2021 72

151 55 2021			12
METEOROLOGY	(CONTINUED)	MICROBIOLOGY	(CONTINUED)
SPL TOPICS TROPICAL MTEOR 590B Prereq: PERMISSION OF INSTRUCTOR 8429005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	INDP STU: INSTR ASST MICRO 490 Prereq: A MINIMUM OF 6 CREDITS OR ABOVE COURSEWORK IN MICROI OF INSTRUCTOR	
SPL TOPCS MESOSCALE MTEOR 590C Prereq: PERMISSION OF INSTRUCTOR 8430005 1 ARRANGED	1- 3 CREDITS	Note: NO MORE THAN 6 CREDITS OF USED TOWARD THE TOTAL OF 128 GRADUATION  ******* SEE DEPT FOR REFER	CREDITS REQUIRED FOR
MEETS: MAY 17-AUG 6  SPL TOP GLOBAL SYST MTEOR 590D Prereq: PERMISSION OF INSTRUCTOR 8431005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	HONORS INDEP STUDY MICRO 490 Prereq: A MINIMUM OF 6 CR OF 30 COURSEWORK IN MICRO, INSTR PI UNIV HONORS PROGRAM Note: NO MORE THAN 6 CREDITS OF	00-LEVEL OR ABOVE ERMISSION, MEMBERSHIP IN
SPL TOPC CLIM MODEL MTEOR 590E Prereq: PERMISSION OF INSTRUCTOR Satisfactory-Fail Only. 8432005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	USED TOWARD THE TOTAL OF 128 GRADUATION. RESTRICTED TO HOMO ONLY. Instructor permission require ******** SEE DEPT FOR REFER	CREDITS REQUIRED FOR NORS PROGRAM STUDENTS ed 1st week.
SPL TOP NUMERI PRED MTEOR 590F Prereq: PERMISSION OF INSTRUCTOR 8433005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	INTERNSHIP MICRO 495  Prereq: AT LEAST 6 CREDITS OF COURSEWORK IN MICRO, APPROVAL Satisfactory-Fail Only. 9679005 1 ARRANGED	300-LEVEL OR ABOVE L OF ACADEMIC ADVISOR
SPL TOP SATEL OBSRV MTEOR 590G Prereq: PERMISSION OF INSTRUCTOR 8434005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	MEETS: MAY 17-AUG  SPECIAL TOPICS MICRO 590  Prereq: PERMISSION OF INSTRUCTO Note: Instructor permission rec	1- 5 CREDITS OR Muired 1st week.
SPL TOP STAT METHDS MTEOR 590H Prereq: PERMISSION OF INSTRUCTOR 8435005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	******* SEE DEPT FOR REFER  CURR TOPIC MICROBIO MICRO 690  Prereq: PERMISSION OF INSTRUCT  Note: Instructor permission re  ****** SEE DEPT FOR REFER	A 1- 3 CREDITS
SPL TOP FIELD OBSRV MTEOR 5901 Prereq: PERMISSION OF INSTRUCTOR 8437005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	GRAD RESEARCH ROTAT MICRO 697 7161005 1 ARRANGED MEETS: MAY 17-AUG Note: Course delivery is On-sit	VAR. CREDITS
SPL TOP LOW FREQ MD MTEOR 590J Prereq: PERMISSION OF INSTRUCTOR 1230005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	RESEARCH MICRO 699  Note: Instructor permission rec  ******** SEE DEPT FOR REFER	VAR. CREDITS quired 1st week. ENCE NUMBERS
SPL TOPC CLOUD PHYS MTEOR 590K Prereq: PERMISSION OF INSTRUCTOR 3901005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	MOLECULAR CELLULAR DE GRAD RESRCH ROTATN MCDB 697 Satisfactory-Fail Only. 7278005 1 ARRANGED	
SPL TOP ATMOS RADIA MTEOR 590L Prereq: PERMISSION OF INSTRUCTOR 3904005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	MEETS: MAY 17-JULY RESEARCH MCDB 699 ****** SEE DEPT FOR REFER	VAR. CREDITS
SPL TOPCS HYDROLOGY MTEOR 590M Prereq: PERMISSION OF INSTRUCTOR 8669005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	MUSIC  INTRO MUSIC LISTENI MUSIC 102  Note: Meets international pers	pectives regmt
SP TOP GEOPH FLU DY MTEOR 590N Prereq: PERMISSION OF INSTRUCTOR 9186005 1 ARRANGED MEETS: MAY 17-AUG 6	1- 3 CREDITS	5406700 1 ARRANGED  MEETS: MAY 17-AUG  Note: Course delivery is WWW  APPLIED MUSIC VOICE MUSIC 118	
RESEARCH MTEOR 699 ******* SEE DEPT FOR REFERENCE MICROBIOLOGY	VAR. CREDITS CE NUMBERS	Prereq: AUDITION, PERMISSION OI Note: CREDIT IN MUSIC 118A WILI MUSIC REQUIREMENTS FOR MUSIC APPLIED MUSIC FEE \$150.00-\$1 Applied Music fee \$150.00-\$1	NOT SATISFY APPLIED MAJORS 00.00
INTRO MICROBIOLOGY MICRO 201  Prereq: ONE SEMESTER OF COLLEGE-LE 5305700 1 ARRANGED  MEETS: JUNE 14-AUG 6  Note: Course delivery is WWW	2 CREDITS VEL BIOLOGY PETERS N	****** SEE DEPT FOR REFER	ENCE NUMBERS  B 1- 2 CREDITS  F INSTRUCTOR  L NOT SATISFY APPLIED  MAJORS
BIOL MICROORGANISMS MICRO 302 Prereq: BIOL 211, CREDIT OR ENROLI ONE SEMESTER OF CHEMISTRY 1426700 1 ARRANGED MEETS: MAY 17-JULY 9	3 CREDITS MT IN BIOL 212; BOURY N	Applied Music fee \$150.00-\$19  ******* SEE DEPT FOR REFER	00.00 ENCE NUMBERS D 1- 2 CREDITS
Note: Course delivery is WWW  INDEP STU:LAB RSRCH MICRO 490A Prereq: A MINIMUM OF 6 CREDITS OF OR ABOVE COURSEWORK IN MICROBIOI	300-LEVEL	Note: Applied Music fee \$150.00 ****** SEE DEPT FOR REFER	0-\$190.00 ENCE NUMBERS F 1- 2 CREDITS
OF INSTRUCTOR NOTE: NO MORE THAN 6 CREDITS OF MI USED TOWARD THE TOTAL OF 128 CRE GRADUATION	CRO 490 MAY BE	Note: Applied Music fee \$150.00  ******* SEE DEPT FOR REFER  APPLIED MUSIC VOICE MUSIC 119	0-\$190.00 ENCE NUMBERS A 1- 3 CREDITS
******* SEE DEPT FOR REFERENCE INDEP STU:LIT RVIEW MICRO 490B Prereq: A MINIMUM OF 6 CREDITS OF OR ABOVE COURSE WORK IN MICROBIC OF INSTRUCTOR	VAR. CREDITS 300-LEVEL LOGY, PERMISSION	Prereq: AUDITION, INSTR PERMSN Note: COURSE ONLY OFFERED FOR 1 APPLIED MUSIC FEE \$150.00-\$1! Applied Music fee \$150.00-\$1. ******* SEE DEPT FOR REFER	L-2 CREDITS SUMMER 2021
Note: NO MORE THAN 6 CREDITS OF MI USED TOWARD THE TOTAL OF 128 CRE GRADUATION ******* SEE DEPT FOR REFERENCE	DITS REQUIRED FOR		

MUSIC

(CONTINUED)

APPLIED MUSIC PIANO MUSIC 119B 1-3 CREDITS
Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
APPLIED MUSIC FEE \$150.00-\$190.00
Applied Music fee \$150.00-\$190.00
\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS APPLIED MUSIC PIANO

- APPLD MUSIC STRINGS MUSIC 119D 1- 3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  NOte: Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC CARILLON MUSIC 119E 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  APPLIED MUSIC FEE \$150.00-\$190.00
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS APPL MUSIC CARILLON
- APPL MUSIC WOODWIND MUSIC 119F 1- 3 CREDITS APPL MUSIC WOODWIND MUSIC 119F 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  APPLIED MUSIC FEE \$150.00-\$190.00
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\*\*\*
  SEE DEPT FOR REFERENCE NUMBERS

- APPLIED MUSIC BRASS MUSIC 119G 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  APPLIED MUSIC FEE \$150.00-\$190.00
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\*
  SEE DEPT FOR REFERENCE NUMBERS APPLIED MUSIC BRASS
- APPLIED MUSIC VOICE MUSIC 219A 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\*\*
  SEE DEPT FOR REFERENCE NUMBERS
- APPLIED MUSIC PIANO MUSIC 219B 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS APPLIED MUSIC PIANO
- APPLD MUSIC STRINGS MUSIC 219D 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC CARILLON MUSTC 219E 1 - 3 CREDITE PPER MUSIC CARLLION MUSIC 219E 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC WOODWIND MUSIC 219F 1- 3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLIED MUSIC BRASS MUSIC 219G 1- 3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS APPLIED MUSIC BRASS
- SPCL PROB EDUCATION MUSIC 290A VAR. CREDI'
  Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS
- SPECIAL PROB THEORY MUSIC 290B VAR. CREDT Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR Note: Instructor permission required 1st week.

  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SP PROB COMPOSITION MUSIC 290C VAR. CREDT'
  Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SPL PROB LITERATURE MUSIC 290E VAR. CREDI Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR CREDITS Note: Instructor permission required 1st week
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SPL PROB APPL MUSIC MUSIC 290F VAR. CREDI Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

(CONTINUED) MUSIC

SPL PROB CONDUCTING MUSIC 290G VAR. CRE
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

- AL PROB HONORS MUSIC 290H VAR. CREDITS
  Prereq: PERMISSION OF INSTRUCTOR; 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN SPECIAL PROB HONORS
  - MUSIC, APPROVAL OF DEPARTMENT CHAIR; MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

    Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY Instructor permission required 1st week.

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

SHEELER R

- HIS AMER ROCK'N'ROL MUSIC 304 3
  Prereq: MUSIC 101, MUSIC 102, MUSIC 224,
  OR MUSIC 225
  Note: Meets U.S. diversity reqmt
  8118700 1 ARRANGED SHE
  MEETS: MAY 17-AUG 6
  Note: Course delivery is WWW 3 CREDITS
- APPLIED MUSIC PIANO MUSIC 318B 1-2 CREI Prereq: AUDITION, PERMISSION OF INSTRUCTOR Note: Applied Music fee \$150.00-\$190.00 \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 2 CREDITS
- APPLD MUSIC STRINGS MUSIC 318D 1-2 CREI Prereq: AUDITION, PERMISSION OF INSTRUCTOR Note: Applied Music fee \$150.00-\$190.00 \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- 1- 2 CREDITS
- APPL MUSIC WOODWIND MUSIC 318F 1-2 CREI Prereq: AUDITION, PERMISSION OF INSTRUCTOR Note: Applied Music fee \$150.00-\$190.00 \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLIED MUSIC VOICE MUSIC 319A 1- 3 CREDITS
  Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLIED MUSIC PIANO MUSTC 319B 1- 3 CREDITS PPELED MUSIC PIANO MUSIC 319B 1-3 CREDITS
  Prereq: AUDITION, INSTRUCTOR PERMISH, MUSIC MAJOR
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLD MUSIC STRINGS MUSIC 319D 1-3 CREDITS
  Prereq: AUDITION, INSTRUCTOR PERMISM, MUSIC MAJOR
  Note: Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC CARILLON MUSIC 319E 1-3 CREDITS
  Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC WOODWIND MUSIC 319F Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021 Applied Music fee \$150.00-\$190.00 \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLIED MUSIC BRASS MUSIC 319G 1- 3 CREDITS
  Prereq: AUDITION, INSTRUCTOR PERMISN, MUSIC MAJOR
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ADV ENSEMBLE PIANO MUSIC 321B 1 CRE
  Prereq: ADVANCED PROFICIENCY AND PERFORMING
  ABILITY, PERMISSION OF INSTRUCTOR
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ADV ENSEMBL STRINGS MUSIC 321D 1 CR Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ADV ENSEMB WOODWNDS MUSIC 321F 1 CREI Prereq: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ADV ENSEMBLE MIXED MUSIC 321J 1 CREI Prereg: ADVANCED PROFICIENCY AND PERFORMING ABILITY, PERMISSION OF INSTRUCTOR \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- LIT &PEDAGOGY VOICE MUSIC 415A 1- 4 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS
- LIT &PEDAGOGY PIANO MUSIC 415B Prereq: PERMISSION OF INSTRUCTOR
  Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2021
  \*\*\* SEE DEPT FOR REFERENCE NUMBERS

(CONTINUED)

MUSIC 415D 1- 4 CREDITS LIT & PEDAG STRINGS Prereq: PERMISSION OF INSTRUCTOR

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SEE DEPT FOR REFERENCE NUMBERS

MUSIC

- LIT &PEDAG WOODWIND MUSIC 415F 1- 4 CREPT Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- MUSIC 415J LIT&PEDAG JAZZ PERF 1- 4 CREDITS Prereq: PERMISSION OF INSTRUCTOR

  \*\*\*\*\*\*\*

  SEE DEPT FOR REFERENCE NUMBERS
- PLIED MUSIC VOICE MUSIC 419A 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS APPLIED MUSIC VOICE
- APPLIED MUSIC PIANO MUSIC 419B 1- 3 CREDITS Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021 Applied Music fee \$150.00-\$190.00 \*\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLD MUSIC STRINGS MUSIC 419D 1- 3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC CARILLON MUSIC 419E 1-3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPL MUSIC WOODWIND MUSIC 419F 1- 3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- APPLIED MUSIC BRASS MUSIC 419G 1- 3 CREDITS
  Prereq: AUDITION, INSTR PERMSN, MUSIC MAJORS ONLY
  Note: COURSE ONLY OFFERED FOR 1-2 CREDITS SUMMER 2021
  Applied Music fee \$150.00-\$190.00
  \*\*\*\*\*\*\*\*\*\*
  SEE DEPT FOR REFERENCE NUMBERS
- INDEP STDY MUSIC ED MUSIC 490A VAR. CREDITS
  Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR
  Note: Instructor permission required 1st week.
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STUDY THEORY MUSIC 490B VAR. CRE
  Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR
  Note: Instructor permission required 1st week
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- IND STU COMPOSITION MUSIC 490C VAR. CRE
  Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR CREDITS Note: Instructor permission required 1st week
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STUDY HISTORY MUSIC 490D VAR. CREI Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR Note: Instructor permission required 1st week \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- ND STDY LITERATURE MUSIC 490E VAR. CREI Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR Note: Instructor permission required 1st week. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STDY LITERATURE
- IND STDY APPL MUSIC MUSIC 490F VAR. CREI Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR Note: Instructor permission required 1st week \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS
- INDEP STDY CONDUCTG MUSIC 490G VAR. CRE
  Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR
  Note: Instructor permission required 1st week
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- NDEP STUDY HONORS MUSIC 490H VAR. CREDITS
  Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN
  MUSIC, APPROVAL OF DEPARTMENT CHAIR, MEMBERSHIP IN
  UNIVERSITY HONORS PROGRAM
  Note: COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY
  Instructor permission required 1st week.
  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS

(CONTINUED) MUSIC

IND STDY ELECTRNC M MUSIC 4901 VAR. ND SIDY ELECTRICE M MUSIC 4901 VAR. CREJ Prereq: INSTRUCTOR PERMISSION, 12 CREDITS IN MUSIC, APPROVAL OF DEPARTMENT CHAIR Note: Instructor permission required 1st week \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

- SPECL TOPICS THEORY MUSIC 590B VAR. CRE Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF CREDITS
- DEPARTMENT HEAD
  Note: Instructor permission required 1st week.
  \*\*\* SEE DEPT FOR REFERENCE NUMBERS
- TOPCS COMPOSIT MUSIC 590C VAR. CREI Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD Note: Instructor SPCL TOPCS COMPOSIT
- Note: Instructor permission required 1st week 
  \*\*\* SEE DEPT FOR REFERENCE NUMBERS
- AL TOPICS LIT MUSIC 590E VAR. CREDITS Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD Note: Instructor SPECIAL TOPICS LIT
- Note: Instructor permission required 1st week 
  \*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SPL TOPC APPL MUSIC MUSIC 590F VAR. CRE Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD CREDITS
- Note: Instructor permission required 1st week.
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- SPL TOP ELECTRNC MU MUSIC 5901 VAR. Prereq: PERMISSION OF INSTRUCTOR, APPROVAL OF DEPARTMENT HEAD
- Note: Instructor permission required 1st week.
  \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## NATURAL RESOURCE ECOLOGY AND MGMT

INTR RENEW RESOURCS NREM 120 1297700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS SKRYNNIKOVA L

- NTERNSHIP NREM 303 1-3 CRE Prereq: PERMISSION OF DEPARTMENT MENTOR, SOPHOMORE STANDING \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS
- FIELD ECOLG MONTANA NREM 311 4 CREDITS
  Prereq: BIOL 211, BIOL 211L, BIOL 212, BIOL 212L
  OR EQUIVALENT AND PERMISSION OF INSTRUCTORS
  0198005 1 ARRANGED SCHIELTZ J
  MEETS: JUNE 5-JULY 4
  Note: SEC 1 FIELD ECOLOGY TAUGHT AT THE NREM FRENCH
  CONSERVATION CAMP IN MONTANA. TRANSPORTATION, ROOM
  AND BOARD INCLUDED IN \$1500 SPECIAL COURSE FEE.
  TUITION IS EXTRA.
  Course delivery is On-site instruction
  Materials, field trips &/or travel fee \$1,500.00

- 1- 4 CREDITS TND STDY ANIMAL ECO NREM 490A Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STDY FORESTRY NREM 490B 1-4 CREDITS
  Prereq: JR OR SR CLASSIFICATN, INSTRUCTOR PERMISN
  \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- INDEP STUDY HONORS NREM 490H 1-4 CREDITS

  Prereq: JR OR SR CLASSIFICATH, INSTRUCTOR PERMISN

  MEMBERSHIP IN UNIVERSITY HONORS PROGRAM

  \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS
- UG INDEP STDY IA LL NREM 4901 1-4 CREDIT:
  Prereq: JR OR SR CLASSIFICATION AND PERMISSION OF
  INSTRUCTOR 1- 4 CREDITS

INSTRUCTOR
Note: Permission of Lakeside Lab Office required
http://www.continuetolearn.uiowa.edu/lakesidelab
8987005 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Tuition Category: Iowa Lakeside Lab
8987010 2 ARRANGED
MEETS: JUNE 14-JULY 9
Note: Tuition Category: Iowa Lakeside Lab

- NREM 498 1- 3 CREDITS RRATIVE EDUC NREM 498 1- 3 CRED Prereq: PERMISSION OF DEPARTMENT CHAIR Note: Permission of department chair required. Satisfactory-Fail Only. 1005 1 ARRANGED MEETS: MAY 17-AUG 6
- SPL TOPCS ANIML ECO NREM 590A 1- 4 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS

1ST SS 2021 NATURAL RESOURCE ECOLOGY AND MGMT (CONTINUED) PHILOSOPHY (CONTINUED) NREM 590B 1- 4 CREDITS GRADUATNG SR SURVEY Note: COURSE RESTR SUMMER 2021 SR SURVEY PHIL 492 R CREDIT COURSE RESTRICTED TO PHIL SENIORS GRADUATING SPL TOPICS FORESTRY Prereq: PERMISSION OF INSTRUCTOR

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SEE DEPT FOR REFERENCE NUMBERS Souther 2021 3891005 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction CEACHING PRACTICUM NREM 598 1 CREI Prereq: GRAD CLASSIFICATION AS M.S. CANDIDATE IN AN NREM MAJOR, PERMISSION OF INSTRUCTOR Satisfactory-Fail Only. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPCL TOPC HISTORY P PHIL 590A 2- 4 CREDITS
Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL
5850005 1 ARRANGED
MEETS: MAY 17-AUG 6 CREATIVE COMPONENT NREM 599 SEE DEPT FOR REFERENCE NUMBERS SPL TOP EPIS&METAPH PHIL 590B 2-4 CI Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL 5851005 1 ARRANGED MEETS: MAY 17-AUG 6 TEACHING PRACTICUM NREM 698 1 CREDIT SPL TOP EPIS&METAPH 2- 4 CREDITS Satisfactory-Fail Only.

\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH NREM 699 1-12 CREDITS
Note: COURSE ONLY OFFERED FOR 1-9 CREDITS SUMMER 2021
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS OP VALUE THRY PHIL 590C 2-4 CF Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL Note: Instructor permission required. 1005 1 ARRANGED MEETS: MAY 17-AUG 6 SPL TOP VALUE THRY 2- 4 CREDITS **NEUROSCIENCE** NEURO 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREDITS RESEARCH SPL TOP LOGIC&P SCI PHIL 590D 2-4 CR Prereq: INSTRUCTOR PERMISSION, 9 CR IN PHIL 5853005 1 ARRANGED MEETS: MAY 17-AUG 6 2- 4 CREDITS NURSING CONCEPTS CAPSTONE 470 2 CREDITS NRS TCHRS BIOETHC WKSHP PHIL 593 8903005 1 MTWR 9:00-5:30 MEETS: MAY 17-AUG 6 Prereq: NRS 440, NRS 460 8974005 1 T 10:00-10:50 ARRANGED 2 CREDITS ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction Note: Course delivery is On-site instruction **PHYSICS NUTRITIONAL SCIENCES** LAB GEN PHYSICS I PHYS 131L 1 CREDIT
Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA,
1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY.
CREDIT OR ENROLLMENT IN PHYS 131X.

0936700 1 ARRANGED
MEETS: JUNE 14-AUG 6 SHORT COURSE NUTRS 505 1 CREDIT
Prereq: PERMISSION OF INSTRUCTOR
7836005 1 MTWRF 10:00-1:00
MEETS: MAY 17-AUG 6
Note: SEC 1 SHORT COURSE: NUTRITION AND THE EPIGENOME: SHORT COURSE PULLING BACK THE CURTAIN
Course delivery is On-site instruction
7836010 2 MTWRF 10:00-1:00
MEETS: MAY 17-AUG 6
Note: SEC 2 SHORT COURSE: ASN 2021 VIRTUAL MEETING
Course delivery is On-site instruction Note: Course delivery is WWW GENERAL PHYSICS I PHYS 131X 4 CREDIT Prereq: 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA, 1 YEAR OF GEOMETRY, 1 SEMESTER OF TRIGONOMETRY 0935700 1 MTWR 9:50-10:50 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW 4 CREDITS RESRCH NUTRITNL SCI NUTRS 699 VAR. CRESSATISFACTORY-Fail Only.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS NUTRS 699 VAR. CREDITS LAB GEN PHYSICS II PHYS 132L 1 CREDIT
Prereq: CREDIT OR ENROLLMENT IN PHYS 132X.
Note: PHYS 112 WILL BE TAUGHT FOR THE LAST TIME IN
SPRING 2021; PHYS 132X AND PHYS 132LX WILL BE OFFERED
BEGINNING SUMMER 2021.
0946005 1 MW 9:50-12:00
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction
0946010 2 MW 2:30-4:40
MEETS: JUNE 14-AUG 6
Note: Course delivery is On-site instruction LAB GEN PHYSICS II ORGANIZATION FOR TROPICAL STUDIES ECO TROPICAL BIOLGY OTS 7535005 1 ARRANGED 8 CREDITS 510 TOPICS TROPICL BIOL OTS 7544005 1 ARRANGED 1- 8 CREDITS 515 PERFORMING ARTS PERFORM ARTS INTERN PERF 310 Satisfactory-Fail Only. 3677005 1 ARRANGED MEETS: MAY 17-AUG 6 GENERAL PHYSICS II PHYS 132X 4 CREDITS

Prereq: PHYS 131X

Note: PHYS 112 WILL BE TAUGHT FOR THE LAST TIME IN

SPRING 2021; PHYS 132X AND PHYS 132LX WILL BE OFFERED

BEGINNING SUMMER 2021.

0947005 1 MTWRF 1:20-2:20

TR 9:50-10:50

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction

0947010 2 MTWRF 1:20-2:20

TR 9:50-10:50

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction R CREDIT PERFRM ARTS CAP SEM PERF 401 2 CRE
Prereq: SENIOR CLASSIFICATION
3706005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is On-site instruction 2 CREDITS **PHILOSOPHY** MORAL THEOR&PRCTICE PHIL 230 5827700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS LAB CLSCL PHYSICS I PHYS 231L 1 CREDIT

Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY,

VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165,

AND CREDIT OR ENROLLMENT IN MATH 166. CREDIT OR

ENROLLMENT IN PHYS 231X

0948700 1 ARRANGED

MEETS: JUNE 14-AUG 6

Note: Course delivery is WWW LAB CLSCL PHYSICS I INDEPENDENT STUDY PHIL 490 1-4 CREDIT Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTRUCTOR: APPROVAL OF CHAIR NOTE: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE APPLIED TOWARD GRADUATION

\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS INTR CLASSC PHYS I PHYS 231X 4 CREDITS

Prereq: PROFICIENCY IN ALGEBRA, TRIGONOMETRY,
VECTOR MANIPULATION, AND TOPICS COVERED IN MATH 165,
AND CREDIT OR ENROLLMENT IN MATH 166.

0949700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW INDEP STUDY HONORS PHIL 490H 1-4 CREDITS

Prereq: 6 CREDITS IN PHIL, PERMISSION OF INSTR,

APPROVAL OF CHAIR, MEMBERSHIP IN UNIV HONORS PROGRAM

Note: NO MORE THAN 9 CREDITS OF PHIL 490 MAY BE

APPLIED TOWARD GRADUATION. COURSE RESTRICTED TO

HONORS PROGRAM STUDENTS ONLY.

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

1ST SS 2021 PHYSICS INT CLAS PHY II LAB PHYS 232L 1 CREDIT Prereq: PHYS 221 OR 241, MATH 166. CREDIT OR ENROLLMENT IN PHYS 232X.

0382005 1 TR 8:40-10:50

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

0382010 2 TR 8:40-10:50

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

0382015 3 TR 12:10-2:20

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

0382015 3 TR 12:10-2:20

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

0382020 4 TR 12:10-2:20

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

0382025 5 TR 3:40-5:50

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

0382030 6 TR 3:40-5:50

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00

MEETS: JUNE 14-AUG 6

Note: Course delivery is On-site instruction Materials and professional support fee \$90.00 (CONTINUED) PLANT PATHOLOGY HONORS INDEP STUDY 1 CREDIT FOR GRADUALION. COMMON STUDENTS ONLY.
3155005 1 ARRANGED
MEETS: MAY 17-AUG 6 PLANT NEMATOLOGY Materials and professional support fee \$90.00 4 CREDITS

INTR CLASSC PHYS II PHYS 232X 4 CR
Prereq: PHYS 21 OR 241, MATH 166
0381005 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: SEC 1 LECTURE ONLINE. DISCUSSIONS ON
M OR W . SEVERAL HELP SESSIONS THROUGHOUT
THE DAY AND ALL SESSIONS OPEN TO ALL
STUDENTS Course delivery is WWW

NDEPENDENT STUDY PHYS 290 1-4 CRED Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY 1- 4 CREDITS

SEM SEC SCHOOL PHYS PHYS 399 1- 2 CRE Prereq: PERMISSION OF INSTRUCTOR 5886005 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is On-site instruction 1- 2 CREDITS

NDERGRAD RESEARCH PHYS 450 1- 6 CREI Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS UNDERGRAD RESEARCH 1- 6 CREDITS

NDERGRAD RESEARCH PHYS 450L 1-6 CRE Prereq: PHYS 311, PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS UNDERGRAD RESEARCH 1- 6 CREDITS

INDEPENDENT STUDY PHYS 490 1- 4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
APPLIED TOWARD GRADUATION
\*\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PHYS 490H 1- 4 CREDITS
Prereq: 6 CREDITS IN PHYS, PERMISSN OF INSTRUCTOR
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PHYS 490 MAY BE
APPLIED TOWARD GRADUATION. COURSE RESTRICTED
TO MEMBERS OF THE UNIVERSITY HONORS PROGRAM.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN PHYS 498 R CREDIT RATIVE EDUCATION PHIS 498 R CREDIT
Prereg: PERMISSION OF THE DEPARTMENT COOPERATIVE
EDUCATION COORDINATOR; SENIOR CLASSIFICATION
5005 1 ARRANGED
MEETS: MAY 17-AUG 6 4746005

REATIVE COMPONENT PHYS 599 VAR. CRE Prereq: PERMISSION OF INSTRUCTOR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT VAR. CREDITS

PHYS 699 VAR. CREDITS Prereq: INSTRUCTOR PERMISSION REQUIRED
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

# **PLANT BIOLOGY**

ESEARCH PLBIO 699 VAR. CREDITS
Note: Instructor permission required 1st week.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH

## PLANT PATHOLOGY

INDEP STDY PLT PATH PL P 490A 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CREDITS IN
BIOLOGICAL SCIENCES, PERMISSION OF INSTRUCTOR
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

S INDEP STUDY PL P 490H 1-3 CREDITS
Prereq: JR OR SR CLASSIFICATION, 7 CR IN BIOL
SCI, INSTR PERMISSION, MEMBERSHIP IN HONORS PROGRAM
Note: NO MORE THAN 6 CREDITS OF PL P 490 MAY BE
APPLIED TOWARD THE TOTAL OF 128 CREDITS REQUIRED
FOR GRADUATION. COURSE RESTRICTED TO HONORS PROGRAM
CONTINUENCE ONLY PLANT NEMATOLOGY PL P 574 2 CREDITS
Prereq: PL P 408 OR PL P 416
Note: CREDIT IN EITHER PL P 574 OR THE PL P 575 AND
575X PAIR OF COURSES, BUT NOT BOTH, MAY BE APPLIED
TOWARD GRADUATION
5951005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction LAB TCNQ PLT NEMATO PL P 574L 1 CREDIT
Prereq: 8 CR BIOLOGICAL SCI, INCLUDING BIOL 211
OR EQUIV. CONCURRENT ENROLLMENT IN PL P 574 REQUIRED.
1393005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction L SCI XTNSN&OUTRCH PL P 581X 1 CRI 0855005 1 ARRANGED MEETS: MAY 17-AUG 6 Note: Course delivery is On-site instruction 1 CREDIT PECIAL TOPICS PL P 590 1-3 CREDIT Prereq: 10 CR IN BIOL SCIENCES, INSTR PERMISSION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS 1- 3 CREDITS REATIVE COMPONENT PL P 599 VAR. CREI Prereq: FOR NON-THESIS MASTER OF SCIENCE STUDE \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT THESIS&DIS RESEARCH PL P 699 VAR. CRE
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

(CONTINUED)

### POLITICAL SCIENCE

INTRO POLITICAL SCI POL S 101 3912700 1 ARRANGED MEETS: MAY 17-JULY 9 3 CREDITS Note: Course delivery is WWW NTR AMERIC GOVERNM POL S 215 5961700 1 ARRANGED MEETS: JUNE 14-AUG 6 3 CREDITS Note: Course delivery is WWW INTR CMPAR DEM&DICT POL S 241 3 CREDITS Note: Meets international perspectives reqmt
5963700 1 ARRANGED
MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW STATE & LOCAL GOVT POL S 310
Prereq: 3 CR IN POL S
5968700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW 3 CREDITS SPL TOP INTL RELATN POL S 315 2 CREDITS

Note: A TOPIC MAY NOT BE TAKEN MORE THAN ONCE

Meets international perspectives reqmt

8813700 1 ARRANGED

MEETS: MAY 17-28

Note: SEC 1 TOPIC: CAUSES, CONDUCT, AND CONSEQUENCES OF

WWI

CONTROL delivery is MUMIN WWIL Course delivery is WWW

8813705 2 ARRANGED

MEETS: JUNE 1-14

Note: SEC 2 TOPIC: CAUSES, CONDUCT, AND CONSEQUENCES OF WWILL Course delivery is WWW 3 CREDITS

POLITICS & SOCIETY POL S 334 Prereq: A COURSE IN POL S 03-54
7403700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW DOBRATZ B

POLICY POL S 344 00 1 ARRANGED MEETS: JUNE 14-AUG 6 PUBLIC P 9243700 3 CREDITS

Note: Course delivery is WWW

IMMIGRATION POLICY POL S 353 3 CREDITS Note: Meets U.S. diversity reqmt 3564700 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW

(CONTINUED)

AMER INSTI: PRESIDEN POL S 361 3 CREDITS Prereq: POL S 215 5981700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW

POLITICAL SCIENCE

ADV WRITING POL SCI POL S 395 R CRES Satisfactory-Fail Only.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS R CREDIT

TND STUDY AMER GOVT POL S 490A VAR. CREDITS IND STUDY AMER GOVT POL S 490A VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.

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

IND STDY THRY&METHD POL S 490B VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY COMPAR POL POL S 490°C VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY INT'L RELA POL S 490D VAR. CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

IND STDY EXT CREDIT POL S 490E 1-2 CREDITS
Prereq: 6 CREDITS IN POLITICAL SCIENCE
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
Instructor permission required 1st week.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS POL S 490H VAR. CREDITS
Prereq: 6 CR IN POL S, MEMBERSHIP IN HONORS PROG
Note: NO MORE THAN 9 CREDITS OF POL S 490 MAY BE
APPLIED TOWARD GRADUATION. USE OF POL S 490 IN POL S
MAJOR AND MINOR DEGREE REQUIREMENTS IS LIMITED. SEE
UNDERGRADUATE STUDY SECTION OF CATALOG FOR DETAILS.
COURSE RESTRICTED TO HONORS PROGRAM STUDENTS ONLY. Instructor permission required 1st week.

\*\* SEE DEPT FOR REFERENCE NUMBERS

POL S 491 SENTOR THESTS 3 CREDITS Prereq: 21 CREDITS OF POL S, SENIOR STATUS AND PERMISSION OF INSTRUCTOR

Note: Instructor permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TEACHING INTERNSHIP POL S 496 3 CREDITS
Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
Note: USE OF POL S 496 CREDIT IN POL S MAJOR AND MINOR
DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
STUDY SECTION OF CATALOG FOR DETAILS.
Satisfactory-Fail Only.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RESEARCH INTERNSHIP POL S 497 3 CREDITS
Prereq: 12 CREDITS IN POL S, INSTRUCTOR PERMISSN
Note: USE OF POL S 497 CREDIT IN POL S MAJOR AND MINOR
DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
STUDY SECTION OF CATALOG FOR DETAILS.
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

COOPERATIVE EDUCATN POL S 498 R CREDI Prereq: PERMISSION OF DEPARTMENT COOP EDUCATION COORDINATOR; SENIOR CLASSIFICATION 4568021 JC ARRANGED MEETS: MAY 17-AUG 6

POL SCI INTERNSHIP POL S 499 VAR. CREDITS
Prereq: 6 CREDITS IN POL S; JUNIOR OR SENIOR
CLASSIFICATION; PERMISSION OF INTERNSHIP COORDINATOR
Note: USE OF POL S 499 CREDIT IN POL S MAJOR AND MINOR
DEGREE REQUIREMENTS IS LIMITED. SEE UNDERGRADUATE
STUDY SECTION OF CATALOG FOR DETAILS.
Satisfactory-Fail only.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS POL SCI INTERNSHIP

POLITICAL SCIENCE (CONTINUED)

SPL TOP US P INSTIT POL S 590A 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 2- 5 CREDITS

SPL TOPC PUBLIC LAW POL S 590B 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

P TOP POLIT THEORY POL S 590C 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SP TOP POLIT THEORY

PL TOP COMPAR GOVT POL S 590D 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP COMPAR GOVT

SPL TOP INT'L RELAT POL S 590E 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP POLICY PROC POL S 590F 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP PUB POL&ADM POL S 590G 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: PERMISSION OF INSTRUCTOR REQUIRED TO ADD FIRST
WEEK. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

TOP INTERNSHIP POL S 5901 2-5 CREDITS Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN Note: Instructor permission required 1st week. \*\*\* SEE DEPT FOR REFERENCE NUMBERS SPCL TOP INTERNSHIP 2- 5 CREDITS

SPL TOP TEACHG PREP POL S 590T 2-5 CREDITS
Prereq: 15 CR IN POL S, WRITTEN INSTRUCTR PERMISN
Note: Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 2- 5 CREDITS

INTERNSHIP POL S 598 3-6 CREDITS
Prereq: 15 CREDITS IN POL S, INSTRUCTR PERMISSION
4540005 1 ARRANGED
MEETS: MAY 17-AUG 6 INTERNSHIP

POL S 599 CREATIVE COMPONENT VAR. CREDITS Note: Instructor permission required 1st week
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

POL S 699 WAR. CREDITS Note: Instructor permission required 1st week
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## **PSYCHOLOGY**

INTRO TO PSYCHOLOGY PSYCH 101 6069005 1 ARRANGED MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW 3 CREDITS DAZZELL L

CAREER OPPOR PSYCH Prereq: PSYCH 111 PSYCH 211 1 CREDIT Satisfactory-Fail Only.
0254700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW KNAPLUND T

DEVELOPMENTAL PSYCH PSYCH 230 6072700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS PHILLIPS W

SOCIAL PSYCHOLOGY 6075700 1 ARRAI AL PSYCHOLOGY PSYCH 280 1700 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS MACHACEK M

INTRO RESRCH EXPRNC PSYCH 291 1- 4 CREDITS Prereq: PSYCH 101, SOPHOMORE CLASSIFICATION,
INSTRUCTOR PERMISSION
Satisfactory-Fail Only.

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

RES DSGN & METHODOL PSYCH 301 3 CREDITS
Prereq: STAT 101; 1 COURSE IN PSYCHOLOGY
Note: PSYCH MINORS ARE ELIGIBLE TO ADD THIS COURSE. GO
TO 1460 LAGOMARCINO HALL TO ENROLL.
6076005 1 MTWRF 1:20-3:20 ROTHWEILER J
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW

PSYCHOLOGY (CONTINUED)

RESRCH METHODS PSYC PSYCH 302 3 CR.
Prereq: PSYCH 301, ENGL 250
Note: COURSE RESTRICTED TO PSYCH MAJORS ONLY
1173005 1 MTWRF 1:20-2:40 BUNDA 1
MEETS: JUNE 14-AUG 6 3 CREDITS BUNDA K Note: Course delivery is WWW

DRUGS & BEHAVIOR PSYCH 315 3 CREDITS Prereq: PSYCH 101 6082700 1 MTWRF 12:10-1:10 MEETS: JUNE 14-AUG 6 VIDALES C

Note: Course delivery is WWW

MEDIA PSYCHOLOGY PSYCH 386 3 CRED.
Prereq: PSYCH 101 OR PSYCH 230 OR PSYCH 280
8576700 1 ARRANGED BOYTOS A
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8576705 2 ARRANGED MEETS: MAY 17-JULY 9
Note: Course delivery is WWW MEDIA PSYCHOLOGY 3 CREDITS

MILES-NOVELO A

PSYCH MEASUREMENT I PSYCH 440 3 CRED Prereg: PSYCH 301 AND 9 CREDITS IN PSYCHOLOGY, STAT 101

Note: Course RESTRICTED TO PSYCH MAJORS ONLY
6099005 1 ARRANGED LIU S
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

ABNORMAL PSYCHOLOGY PSYCH 460 3 CREDITS Prereq: 3 COURSES IN PSYCHOLOGY INCLUDING PSYCH

Prereq: 3 COURSES IN PSICHOLOGI II
101
2005 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW 6102005 WANG C

INDEPENDENT STUDY PSYCH 490 1-3 CREDITS
Prereq: JR CLASSIF, 6 CR IN PSYCH, INSTR PERMISSN
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE
RESTRICTED TO JUNIORS AND SENIORS ONLY.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS PSYCH 490H 1- 3 CREDITS
Prereq: JR CLASSIFCATN, 6 CR IN PSYCH, INSTRUCTOR
PERMISSION, MEMBERSHIP IN UNIV HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF PSYCH 490 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. COURSE
RESTRICTED TO HONORS PROGRAM JUNIORS AND SENIORS
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SENTORS ONLY

RESEARCH PRACTICUM PSYCH 491 ESEARCH PRACTICUM PSYCH 491 VAR. CREDITS
Prereq: JR CLASSIFICATION, INSTR PERMISSION,
CREDIT OR ENROLLMENT IN PSYCH 301
Note: NO MORE THAN 9 CREDITS OF PSYCH 491 MAY BE
APPLIED TOWARD A DEGREE IN PSYCHOLOGY. RESTRICTED
TO JUNIORS AND SENIORS ONLY.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PLD PRACTCM:HUMN SV PSYCH 492A VAR. CREI Prereq: JUNIOR CLASSIFICATION, 12 CREDITS IN PSYCHOLOGY, PERMISSION OF INSTRUCTOR Satisfactory-Fail Only. \*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS FLD PRACTCM: HUMN SV CREDITS

FLD PRACTCM:I/O PSY PSYCH 492B VAR. CREDITS
Prereq: JUNIOR CLASSIFICATION; 12 CREDITS
IN PSYCHOLOGY INCLUDING PSYCH 450, OR PSYCH 250
AND ENROLLMENT IN PSYCH 450; PERMISSION OF INSTRUCTOR
Satisfactory-Fail Only.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOP COUNSELING PSYCH 590A VAR. CREDITS
Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

PL TOPIC COGNITIVE PSYCH 5900 VAR. CREDIT Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INSTR \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOPIC COGNITIVE

SPECL TOPICS SOCIAL PSYCH 590R VAR. CRE Prereq: 12 CREDITS IN PSYCH, PERMISSION OF INS \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

INTERNSHIP IN PSYCH PSYCH 597 R CRI Prereq: M.S. DEGREE CANDIDACY; PERMISSION OF INSTRUCTOR 7659005 1 ARRANGED

MEETS: MAY 17-AUG 6

CREATIVE COMPONENT PSYCH 599 VAR. CRE Satisfactory-Fail Only. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS PSYCH 599 VAR. CREDITS

(CONTINUED) PSYCHOLOGY

EXT PRCTCM ADV CNSL PSYCH 691D VAR. CREDITS
Prereq: PSYCH 691A, PSYCH 691B, PERMISSION
OF INSTRUCTOR
Note: COURSE ONLY OFFERED FOR 1-3 CREDITS SUMMER 2021
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS EXT PRCTCM ADV CNSL

PRACT GROUP COUNSEL PSYCH 691G VAR. CREDITS Prereq: PSYCH 626, PSYCH 691A, PERMISSION OF INSTRUCTOR

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

PRACTICUM TEACHING PSYCH 691T VAR. CRED Prereq: PSYCH 633, PERMISSION OF INSTRUCTOR Satisfactory-Fail Only.

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

INTERN COUNSELING PSYCH 697 R CREDIT
Prereq: PH.D. CANDIDACY IN THE COUNSELING PSYCH
PROG, APPROVED DISSERTATION PROPOSAL, INSTR PERMISSN
6182005 1 ARRANGED
MEETS: MAY 17-AUG 6

PSYCH 699 VAR. CREDITS ESEARCH
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

### PUBLIC RELATIONS

STRATEG PLAN AD&P.R P R 301 Prereq: ADVRT 230 OR P R 220 6910700 1 ARRANGED MEETS: MAY 17-JULY 9 3 CREDITS Note: Course delivery is WWW

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

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

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

## **RELIGIOUS STUDIES**

INTRO WRLD RELIGION RELIG 205 3 CRI Note: Meets international perspectives reqmt 1 ARRANGED MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3 CREDITS

RELIGION IN AMERICA RELIG 210 Note: Meets U.S. diversity reqmt
6188700 1 ARRANGED
MEETS: JUNE 14-AUG 6 Note: Course delivery is WWW

INDEPENDENT STUDY RELIG 490 3 CREDITS Prereq: 6 CR IN RELIGIOUS STUDIES; PERMISSION
OF INSTRUCTOR; APPROVAL OF DEPT CHAIR
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
APPLIED TOWARD GRADUATION
Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS RELIG 490H 1-3 CREDITS
Prereq: 6 CR IN RELIG, PERMISSION OF INSTRUCTOR,
APPROVAL OF PROFESSOR IN CHARGE OF PROGRAM,
MEMBERSHIP IN UNIVERSITY HONORS PROGRAM
Note: NO MORE THAN 9 CREDITS OF RELIG 490 MAY BE
APPLIED TOWARD GRADUATION. RESTRICTED TO HONORS
PROGRAM STUDENTS ONLY.
Instructor permission required 1st week.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

SPL TOP RELIG STUDI RELIG 590 1-3 CREDITS

Prereq: PERMISSION OF INSTRUCTOR, 9 CR IN RELIG

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

**RESEARCH & EVALUATION** 

O EDUC RESEARCH RESEV 550 3 CREDITS

Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN THE
HUMAN SCIENCES COLLEGE. OTHER STUDENTS MUST CONTACT
THE DEPARTMENT AT 294-1241.

1700 1 WR 5:30-9:00PM WIECZOREK D
S 8:00-4:00
MEETS: MAY 12-AUG 5

Note: SEC 1 MEETS MAY 12/13, MAY 26/27, JUNE 9/10,
SAT JUNE 12, JUNE 23/24, JUNE 30/JULY 1, JULY 14/15,
JULY 28/29, AUG 4/5
Course delivery is WWW INTRO EDUC RESEARCH

INTRO OLTV RES MTHD RESEV 580 4059700 1 ARRANGED MEETS: JUNE 7-JULY 2 Note: Course delivery is WWW 3 CREDITS

SPECIAL TOPICS RESEV 590 1- 3 CREDITS Prereq: GRADUATE STANDING
\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

SUPRVSD FIELD EXPER RESEV 591 2- 4 CRED Prereq: RESEV 553 OR RESEV 680 SEE DEPT FOR REFERENCE NUMBERS 2- 4 CREDITS

1- 3 CREDITS Prereq: GRADUATE STANDING
6220005 1 R 1:00-5:00 RODRIGUEZ
ARRANGED
MEETS: MAY 17-JUNE 28
Note: Course delivery is Hybrid (Online and F2F) RODRIGUEZ G

PROGRAM ASSESS&EVAL RESEV 597 3 CREDITS AM ASSESSEVAL RESEV 597 3 CREDITS
Prereq: RESEV 550
Note: COURSE RESTRICTED TO GRADUATE STUDENTS IN THE
HUMAN SCIENCES COLLEGE. OTHER STUDENTS MUST CONTACT
THE DEPARTMENT AT 294-1241.

1005 1 F 5:30-9:30PM THORNTON Z
S 8:00-4:00 THORNTON Z
MEETS: JULY 9-31
Note: SEC 1 RESTRICTED TO ED D STUDENTS ONLY
MEETS JULY 9,10,23,24,30,31
Course delivery is Hybrid (Online and F2F) 6218005

ADV SPECIAL TOPICS RESEV 690 1- 3 CRE Prereq: GRADUATE STANDING \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

RESEV 699 VAR. CREDITS Prereq: GRADUATE STANDING
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS

### RUSSIAN

ELEMENTRY RUSSIAN I RUS 101 6225700 1 ARRANGED MEETS: MAY 17-JUNE 25 Note: Course delivery is WWW 4 CREDITS

ELEM RUSSIAN II RUS 4 CREDITS RUSSIAN II RUS 102 1 1 Note: Meets international perspectives reqmt 6226700 1 ARRANGED MEETS: JUNE 28-AUG 6

Note: Course delivery is WWW Materials and equipment use fee \$25.00 102

STU IN ENGL: TALES 370B RUS Note: Meets international perspectives reqmt
0094700 1 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW

RUS STU IN ENGL:WMN RUS 370R 3 CREDITS Note: Meets international perspectives reqmt
6782700 1 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW

RUSSIA TODAY RUS 375 3 CRE
Note: Meets international perspectives reqmt
7072700 1 ARRANGED
MEETS: MAY 17-JUNE 25
Note: SEC 1 TOPIC: FROM GORBACHEV TO PUTIN.
CONTEMPORARY RUSSIAN CULTURE
COURSE delivery is WWW
7072705 2 ARRANGED
MEETS: JULY 12-AUG 6
Note: SEC 2 TOPIC: FROM GORBACHEV TO PUTIN.
CONTEMPORARY RUSSIAN CULTURE
COURSE delivery is WWW 3 CREDITS

RUSSIAN (CONTINUED)

RUS INDEPENDENT STUDY 490 1- 6 CREDITS Prereq: 6 CR IN RUSSIAN; PERMISSION OF DEPT CHI Note: NO MORE THAN 9 CREDITS IN RUS 490 MAY BE APPLIED TOWARD GRADUATION
Permission of department chair required.
\*\* SEE DEPT FOR REFERENCE NUMBERS

INTERNSH IN RUSSIAN RUS 499 INSH IN RUSSIAN RUS 499 1-3 CREDI Prereg: 9 CREDITS OF RUSSIAN AT THE 300 LEVEL; PERMISSION OF ADVISER AND WORLD LANGUAGES AND CULTURES INTERNSHIP COORDINATOR NOTE: NO MORE THAN 3 CREDITS IN RUS 499 MAY BE APPLIED TOWARD GRADUATION IN THE MAJOR Department permission required.
Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## SEED TECHNOLOGY AND BUSINESS

Course delivery is WWW

ACCOUNTING &FINANCE STB 508 3 CREDITS

Prereq: ADMISSION TO MS IN SEED TECHNOLOGY AND
BUSINESS PROGRAM OR BY SPECIAL ARRANGEMENT WITH INSTR
5548700 1 ARRANGED SAPP T
MEETS: MAY 17-AUG 6

Note: SEC 1 RESTRICTED TO STB MAJORS. OTHERS
NEED TO CONTACT SEEDGRAD@IASTATE.EDU TO REGISTER

SEED&VARIET TEST&TC STB 534 2 CREDI

Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR

APPROVAL OF INSTRUCTOR

8150700 1 ARRANGED DORNBOS D

MEETS: JUNE 28-AUG 6

Note: SEC 1 RESTRICTED TO STB MAJORS. OTHERS

CONTACT SEEDGRAD@IASTATE.EDU

COURSE delivery is WWW 2 CREDITS DORNBOS D

Course delivery is WWW

INTR TO SEED INDUST STB 535 1 CREDI
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR
APPROVAL OF INSTRUCTOR
7518700 1 ARRANGED MUNKVOLD
MEETS: JUNE 28-AUG 6
Note: SEC 1 RESTRICTED TO STB MAJORS ONLY.
OTHERS CONTACT SEEDGRAD. IASTATE.EDU
Course delivery is WWW

SEED PRODUCTION STB 547 2 CREDI
Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR
APPROVAL OF INSTRUCTOR
7849700 1 ARRANGED DORNBOS D
MEETS: MAY 17-JUNE 25
Note: SEC 1 RESTRICTED TO STB GRADS ONLY.
OTHERS CONTACT SEEDGRAD@IASTATE.EDU
Course delivery is WWW DORNBOS D

AL TOPICS STB 590X 1-3 CREDITS Prereq: ADMISSION TO THE GRADUATE PROGRAM IN SEED SPECIAL TOPICS

Prered: ADMISSION TO THE GRADUATE PROGRAM IN SEEL TECHNOLOGY AND BUSINESS
0510700 1 ARRANGED MUNKVOLD G
MEETS: MAY 17-AUG 6
Note: SEC I RESTRICTED TO STB GRAD STUDENTS OR CONTACT SEEDGRAD@IASTATE.EDU TO GET PERMISSION MUNKVOLD G

Course delivery is WWW

CREATIVE COMPONENT STB 599 2-3 CREDIT

Prereq: ADMISSION TO GRADUATE PROGRAM IN STB OR

APPROVAL OF INSTRUCTOR

3239700 1 ARRANGED MUNKVOLD G

MEETS: MAY 17-AUG 6

Note: SEC 1 RESTRICTED TO STB GRAD STUDENTS OR

CONTACT SEEDGRAD@IASTATE.EDU TO GET PERMISSION

Course delivery is WWW CREATIVE COMPONENT STB 599 2- 3 CREDITS MUNKVOLD G

### SOCIOLOGY

INTRO TO SOCIOLOGY SOC 134 3 CREDITS

Note: CREDIT FOR EITHER SOC 130 OR SOC 134, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
6346700 1 ARRANGED SCHWEINGRUBER D
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
6346705 2 ARRANGED KRIER D
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW OUTH & CRIME SOC 241 6350700 1 ARRANGED MEETS: JUNE 14-JULY 9 3 CREDITS Note: Course delivery is WWW SOC PSYCH: SOC PERSP SOC 305 3 CREDITS Prereq: SOC 134
6355700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW REGER R

1ST SS 2021 SOCIOLOGY (CONTINUED) SEX&GENDER IN SOCIE SOC 327 3 CREDITS ENDER IN SUCIE SUC 52,
Prereq: SOC 134
Note: Meets U.S. diversity regmt
700 1 ARRANGED
MEETS: MAY 17-JUNE 11 6356700 STEWART S Note: Course delivery is WWW ETHNIC&RACE RELATNS SOC 3 CREDITS Prereq: SOC 134
Note: Meets U.S. diversity regmt
6352700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW KIISOW A POLITICS & SOCIETY SOC 334 3 Prereq: A COURSE IN POLITICAL SCIENCE OR 3 CREDITS 7401700 1 ARRANGED

MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW DOBRATZ B DEVIANT &CRIM BEHAV SOC 340
Prereq: SOC 134 OR CJ ST 240
6358700 1 ARRANGED
MEETS: JUNE 14-JULY 9
Note: Course delivery is WWW 3 CREDITS BEHNKEN M CRIM &JUV JUST PRAC SOC 460 3-12 CREDITS

Prereq: JR/SR CLASSIFICATN; PERMISSN OF THE CJ ST
COORDINATOR; MAJOR OR MINOR IN CJ ST OR SOC

Note: NO MORE THAN 9 CREDITS OF SOC 460/CJ ST 460

MAY BE APPLIED TOWARD GRADUATION. NO CREDITS IN
SOC 460/CJ ST 460 MAY BE USED TO SATISFY MINIMUM
SOCIOLOGY REQUIREMENTS FOR SOCIOLOGY MAJORS. Satisfactory-Fail Only.
6370005 1 ARRANGED
MEETS: MAY 17-AUG 6 DELISI M 6370010 2 ARRANGED
MEETS: MAY 17-JULY 9
Note: SEC 2 OFFERED FOR 3-4 CREDITS DELISI M INDEP STUDY GEN SOC SOC 490A 1-3 CREDITS
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STUDY RURAL SOC SOC 490B 1-3 CREDITS
Prereq: 6 CR IN SOC AND INSTRUCTOR PERMISSION
Note: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEP STUDY HONORS SOC 490H 1-3 CREDITS
Prereq: 6 CR IN SOC AND PERMISSION OF INSTRUCTOR,
MEMBERSHIP IN UNIV HONORS PROGRAM
NOTE: STUDENTS IN THE COLLEGE OF AGRICULTURE MAY
APPLY NO MORE THAN 6 CREDITS OF SOC 490 TOWARD
THE TOTAL OF 128 CREDITS REQUIRED FOR GRADUATION.
STUDENTS IN THE LAS COLLEGE MAY APPLY NO MORE THAN
9 CREDITS OF SOC 490 TOWARD GRADUATION.
RESTRICTED TO UNIV HONORS PROGRAM STUDENTS ONLY.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPCL TOPICS GEN SOC SOC 590A 1-3 CREDIT Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS SPL TOPCS RURAL SOC SOC 590B 1-3 CREDITS
Prereq: 6 CR IN SOC; SR OR GRADUATE CLASSIFICATN
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS MASTERS RES GEN SOC SOC 599A 1-6 CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS I RURAL SOC 599B 1-6 CRE SEE DEPT FOR REFERENCE NUMBERS 6 CREDITS MASTERS RSRCH RURAL RESEARCH GENERL SOC SOC 699A 1-8 CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS RESEARCH RURAL SOC SOC 699B 1-8 CRE
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SOFTWARE ENGINEERING

SOFTWARE PROJCT MGT S E 329
Prereq: COM S 309
7377700 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW 3 CREDITS SOFTWARE ENGINEERING (CONTINUED)

PRIN PROGR LANGUAGS S E 342 3 CREDITS

Prereq: C- OR BETTER IN COM S 228;

C- OR BETTER IN MATH 165; COM S 230 OR CPR E 310

1043700 1 MTWRF 1:20-2:20 KHAIRUNNESA S

TR 2:30-3:30 KHAIRUNNESA S

MEETS: MAY 17-JULY 9 Note: Course delivery is WWW SUMMER INTERNSHIP S E 396 R CREDIT Prereq: PERMISSION OF DEPARTMENT AND ENGINEERING CAREER SERVICES Satisfactory-Fail Only. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SUMMER INTERNSHIP R CREDIT

INDEPENDENT STUDY S E 490 VAR. CREDITS

Prereq: SENIOR CLASSIFICATION IN SOFTWARE ENGR
\*\*\*\*\*\*\*
SEE DEPT FOR REFERENCE NUMBERS SPANISH ELEM SPANISH II SPAN 102 4 CRE
Prereq: SPAN 101, SPAN 97 OR PLACEMENT BY
DEPARTMENTAL EXAM
Note: Meets international perspectives reqmt
6474700 1 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW
Materials and equipment use fee \$25.00
6474705 2 ARRANGED
MEETS: MAY 17-JUNE 25
Note: Course delivery is www
Materials and equipment use fee \$25.00 Materials and equipment use fee \$25.00 CONVERS FOR PROFSNL SPAN 303B 3 CRED Prereq: SPAN 202 OR PLACEMENT BY DEPARTMENTAL EXAM EXAM

Note: Meets international perspectives reqmt
6160700 1 ARRANGED

MEETS: MAY 17-JUNE 11

Note: Course delivery is WWW

Materials and equipment use fee \$25.00 TXTUAL&MEDIA ANALYS SPAN 314 3 CRE
Prereq: SPAN 303A OR SPAN 303B
Note: Meets international perspectives reqmt
8894700 1 MWF 9:50-11:30
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW
Materials and equipment use fee \$25.00 3 CREDITS SPAIN TODAY SPAN 323 3 CRI
Prereq: ONE SPAN COURSE AT THE 300 LEVEL
Note: Meets international perspectives reqmt
4047700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW
Materials and equipment use fee \$25.00 SPAIN TODAY 3 CREDITS INTR SPAN/ENG TRNSL SPAN 351 3 CRI
Prereq: SPAN 303A OR SPAN 303B OR SPAN 304
Note: Meets international perspectives reqmt
5071700 1 ARRANGED
MEETS: JUNE 28-AUG 6 3 CREDITS Note: Course delivery is WWW

INDEPENDENT STUDY SPAN 490 1-6 CREDITS
Prereq: 6 CR IN SPANISH; PERMISSION OF DEPT CHAIR
Note: NO MORE THAN 6 CREDITS IN SPAN 490 MAY BE 1- 6 CREDITS Note: NO MURE THAN 6 CREDITS IN STAN 120 FGI 1
APPLIED TOWARD GRADUATION
Permission of department chair required.
Materials and equipment use fee \$25.00
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPANISH INTERNSHIP SPAN 499 1-3 CREDITS
Prereq: 9 CREDITS OF SPAN AT 300 LEVEL; PERMISSN
OF ADVISER AND WORLD LANGUAGES AND CULTURES
INTERNSHIP COORDINATOR
Note: COURSE ONLY OFFERED FOR 3 CREDITS SUMMER 2021.
NO MORE THAN 3 CREDITS IN SPAN 499 MAY BE APPLIED
TOWARD GRADUATION IN THE MAJOR.
Department permission required.
Materials and equipment use fee \$25.00
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

1ST SS 2021 81

(CONTINUED)

OP SPANISH LIT SPAN 590A 1-4 CREDITS Prereq: PERMSN OF INSTRUCTOR; 6 CR 400-LEVEL SPAN Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021 SPL TOP SPANISH LIT Note: COURSE UNLI OFFERED FOR 2572005 DB ARRANGED MEETS: MAY 17-AUG 6

Note: Instructor permission required.

## SPECIAL EDUCATION

SPANISH

INDEPENDENT STUDY SP ED 490 1- 5 CRE
Prereq: 12 CR IN EL ED
Note: Department permission required 1st week
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 5 CREDITS

TCH EXCPT SC GEN ED SP ED 501 3
Prereq: BACCALAUREATE DEGREE; ADMITTED TO 3 CREDITS EDUCATOR PREPARATION PROGRAM

7005 1 F 5:30-8:30PM

S 8:00-4:00

MEETS: JUNE 1-30

Note: Course delivery is WWW 2607005 FOEGEN A

CAREER ED DISAB YTH SP ED 555
Prereq: SP ED 510 OR SP ED 511
4418005 1 MTWR 3:30-5:00
S 9:00-3:00
MEETS: JUNE 7-27 CAREER ED DISAB YTH 3 CREDITS PRINCE A

Note: Course delivery is WWW

COLLABORTV CONSULTA SP ED 564 3 CRE
Prereq: SP ED 515, SP ED 520 OR SP ED 530 OR
SP ED 540
7370005 1 MTWR 1:00-4:00 BULLOCK
MEETS: JULY 6-30
Note: Course delivery is WWW 3 CREDITS

BULLOCK-MCCALLEY

SP ED 590 SPECIAL TOPICS 1- 5 CREDITS Prereq: 6 CREDITS IN EDUC

\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

SUPV FLD EXP BHV/DS SP ED 591K 1-6
Prereg: 15 GRAD CREDITS IN SPECIAL AREA; 1- 6 CREDITS ADMISSION TO GRAD PROGRAM IN SPECIAL EDUCATION
Note: COURSE RESTRICTED TO C I MAJORS ONLY
\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

REATIVE COMPONENT SP ED 599 1- 5 CRE Prereq: 15 CREDITS IN EDUCATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT 1- 5 CREDITS

SP ED 699 VAR. CREDITS Prereq: 15 CREDITS IN EDUCATION

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

## **SPEECH COMMUNICATION**

SPEAKNG SP CM 212 1 ARRANGED FUND PUBLIC SPEAKNG 8643010 1 ARRANGI OTITCK T UIU 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
040 2 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
015 3 ARRANGED Note: 8643040 HARRINGTON A Note: Course delivery is WWW
8643015 3 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
4 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
8643025 ARRANGED
MEETS: JUNNE 14-AUG 6
Note: Course delivery is WWW
8643030 6 ARRANGED
MEETS: JUNNE 14-AUG 6 GARIB A DURIS M HELMICK E JACKSON M MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
7 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW Note: 8643035 COBERLEY D SPECIAL PROJECTS SP CM 290 1-2 CREDITS
Prereq: 3 CREDITS IN SP CM; PERMISSION OF
PROGRAM DIRECTOR
Note: NO CREDITS IN SP CM 290 MAY BE APPLIED TOWARD THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 290 MAY BE APPLIED TOWARD THE MINOR.
Department permission required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS BUSINESS&PRO SPEAKG SP CM 312 3 CREDITS Prereq: SP CM 212
6429700 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

KLOCKE K

SPEECH COMMUNICATION (CONTINUED)

GENDER & COMMUNICTN SP CM 323 3 CREDITS Note: Meets U.S. diversity reqmt

2640700 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is www OLES-ACEVEDO D

INDEPENDENT STUDY SP CM 490 1-3 CREDITS
Prereq: 18 CREDITS IN SP CM, JUNIOR CLASSIFICATN,
PERMISSION OF PROGRAM DIRECTOR
Note: PERMISSION OF BEN CROSBY REQUIRED TO ADD.
PROCESS APPROVED ADD SLIP IN 10 ENRL SC. NO CREDITS
IN SP CM 490 MAY BE APPLIED TOWARD THE MINOR.
Department permission required.

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

COMMUNIC INTERNSHIP SP CM 499 1- 3 CREDITS
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
Note: NO CREDITS IN SP CM 499 MAY BE APPLIED TOWARD THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 499 MAY BE APPLIED TOWARD THE MINOR.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS COMMUNIC INTERNSHIP

SP CM 590 PECIAL TUPICS SP CM 590 1- 4 CREDITS
Prereq: PERMISSION OF PROGRAM CHAIR
Note: NO CREDITS IN SP CM 590 MAY BE APPLIED TOWARD THE
MINIMUM REQUIRED CREDITS FOR THE MAJOR. NO CREDITS
IN SP CM 590 MAY BE APPLIED TOWARD THE MINOR.

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

## **STATISTICS**

PRIN OF STATISTICS STAT 101 4 CREDITS
Prereq: ONE AND A HALF YRS OF H S ALGEBRA
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE
APPLIED TOWARD GRADUATION: STAT 101, STAT 104,
STAT 105, STAT 201, STAT 226
6502005 1 ARRANGED
MR 9:50-11:50
MEETS: MAY 17-JULY 9 4 CREDITS

Note: Course delivery is WWW

INTRO TO STATISTICS STAT 104 3 CREDITS

Prereq: 1 & 1/2 YRS OF H S ALGEBRA

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: STAT 101, STAT 104,

STAT 105, STAT 201, STAT 226

Instructor permission required 1st week.

6503005 1 ARRANGED

TR 9:50-11:50

MEETS: JUNE 14-AUG 6 3 CREDITS

Note: Course delivery is WWW

INTR BUSINES STAT I STAT 226 3 CREDITS

Prereq: MATH 150 OR MATH 165

Note: CREDIT FOR ONLY ONE OF THE FOLLOWING MAY BE

APPLIED TOWARD GRADUATION: STAT 226, STAT 101,

STAT 104, STAT 105, STAT 201. RESTRICTED TO ACCT,

BUS S, BUSAD, BUS U, BUSEC, ECON, ENTSP, FIN, I BUS,

MGMT, MIS, MKT, P BUS, SCM, AG B MAJORS ONLY.

3975005 1 ARRANGED

MEETS: MAY 17-JULY 9

Note: Course delivery is WWW

ENGINEERING STAT STAT 305 3 CREDITS

Prereq: MATH 165
Note: CREDIT FOR EITHER STAT 105 OR STAT 305, BUT NOT
BOTH, MAY BE APPLIED TOWARD GRADUATION
6509705 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

INTR BUSINS STAT II STAT 326 3 CREDITS
Prereq: STAT 226
Note: CREDIT FOR ONLY ONE OF THE FOLLOWING COURSES
MAY BE APPLIED TOWARD GRADUATION: STAT 301, STAT 326,

STAT 401
6510700 1 ARRANGED
WF 11:00-12:55
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

PROBAB&STAT COM SCI STAT 330
Prereq: MATH 166
7372005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW 3 CREDITS

COOPERATIVE EDUCATN STAT 398
Prereq: PERMISSION OF DEPARTMENT CHAIR
1530005 1 ARRANGED
MEETS: MAY 17-AUG 6 COOPERATIVE EDUCATN

STATISTICS (CONTINUED)

NDEPENDENT STUDY STAT 490 VAR. CREDI Prereq: 10 CREDITS IN STATISTICS Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS VAR. CREDITS INDEPENDENT STUDY

INDEP STUDY HONORS STAT 490H VAR. CREDIT Prereq: 10 CR IN STAT, MEMBERSHIP IN HONORS PROG Note: NO MORE THAN 9 CREDITS IN STAT 490 MAY BE APPLIED TOWARD GRADUATION

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREDITS

STAT MTHD FOR RSRCH STAT 587 4 CREDITS MTHD FOR RSRCH STAT 58/ 4 CREDITS
Prereq: ONE OF THE FOLLOWING: STAT 101, STAT 104,
STAT 105, STAT 201, STAT 226, OR EQUIVALENT UNDERGRAD
LEVEL APPLIED STATISTICS COURSE; OR PERMISSION OF DEPARTMENT

DEPARTMENT 005 1 MTWRF 8:40-9:40 MR 9:50-11:50 MEETS: MAY 17-JULY 9 Note: Course delivery is WWW 3680005

COOPERATIVE EDUCATN STAT 598 R C Prereq: PERMISSION OF THE DEPARTMENT CHAIR 4153005 1 ARRANGED MEETS: MAY 17-AUG 6 COOPERATIVE EDUCATN

Note: Permission of department chair required.

CREATIVE COMPONENT STAT 599 VAR. CRESSATISFACTORY-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS STAT 599 VAR. CREDITS

STAT 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

## SUPPLY CHAIN MANAGEMENT

SUPPLY CHAIN MGMT SCM 301 3 CREDITS
Prereq: ECON 101, STAT 226
Note: COURSE RESTRICTED TO UNDERGRAD MAJORS OTHER THAN Prereg: ECON 101, STAT 220
Note: COURSE RESTRICTED TO UNDERGRA
P BUS

1629005 1 ARRANGED
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW

1629010 2 ARRANGED
MEETS: MAY 17-JUNE 25
Note: Course delivery is WWW

INDEPENDENT STUDY SCM 490 1-3 CREDITS
Prereq: SCM 301, SENIOR CLASSIFICATN, INSTRUCTOR
PERMISSION

Note: COURSE NOT OPEN TO P BUS MAJORS Department permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

STRATEGC LOGIST MGT SCM560 3 CREDITS Prereq: SCM 501 OR PERMISSION OF INSTRUCTOR
Note: RESTRICTED TO BUSINESS COLLEGE GRADUATE STUDENTS

7700 1 ARRANGED

MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW 6797700

SCM 590 SPECIAL TOPICS 1- 3 CREDITS Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICUM I SCM 650 1 CREI Prereq: ENROLLMENT IN THE PH D PROGRAM \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

RSEARCH PRACTICM II SCM 651 1 CREDIT Prereq: ENROLLMENT IN THE PH D PROGRAM

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

### SUSTAINABLE AGRICULTURE

PECIAL TOPICS SUSAG 590 1-3 CREDITS
Prereq: GRAD CLASSIFICATION, INSTRUCTOR PERMISSN
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

ONENT SUSAG 599 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT CREDITS

SUSAG 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS

# **TECHNOLOGY SYSTEMS MANAGEMENT**

PECHNOLGY INTERNSHP TSM 397 R CREDIT
Prereq: AT LEAST 45 CREDITS OF COURSEWORK,
CLASSIFICATION IN AST OR I TEC MAJOR, APPROVAL
OF INTERNSHIP COORDINATOR
Satisfactory-Fail Only.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS TECHNOLGY INTERNSHP

TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED)

WORK EXPRNCE TCHNOL TSM 399 2 CREDITS
Prereq: TSM 397 IN THE PRECEDING SEMESTER,
APPROVAL OF INTERNSHIP COORDINATOR
Note: NO MORE THAN 4 CREDITS OF TSM 399 MAY BE APPLIED
TOWARD THE TOTAL CREDITS REQUIRED FOR GRADUATION
\*\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

INDEP STUDY HONORS TSM 490H 1- 4 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR

PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT

AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED

TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION.

RESTRICTED TO HONORS PROGRAM STUDENTS ONLY.

Department permission required.

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

IND STDY MANUFACTRG TSM 490I 1-4 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR

PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT

AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED

TOWARD THE TOTAL OF 128 CREDITS REG'D FOR GRADUATION

Department permission required.

\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

IND STDY BIOSYS MGT TSM 490J 1-4 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR

PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT

AND APPROVAL BY DEPARTMENT

Note: PERMISSION OF DEPARTMENT REQUIRED TO ADD.

PROCESS APPROVED ADD SLIP IN 10 ENROLLMENT SERVICES

CENTER. NO MORE THAN 4 CREDITS OF TSM 490 MAY BE

USED TOWARD THE TOTAL OF 128 CREDITS REQUIRED FOR

GRADUATION.

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

IND STDY MACHIN SYS TSM 490M 1-4 CREDITS

Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR

PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT

AND APPROVAL BY DEPARTMENT

Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED

TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION

Department permission required.

\*\*\*\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

ND STU OCCUP SAFET TSM 4900 1-4 CREDITS
Prereq: JUNIOR OR SENIOR CLASSIF, INSTRUCTOR
PERMISSION, COMPLETION OF INDEPENDENT STUDY CONTRACT
AND APPROVAL BY DEPARTMENT
Note: NO MORE THAN 4 CREDITS OF TSM 490 MAY BE USED
TOWARD THE TOTAL OF 128 CREDITS REQ'D FOR GRADUATION
Department permission required.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS IND STU OCCUP SAFET

WKSHP OCCUPA SAFETY TSM 493D 1- 4 CREDITS
Note: PERMISSION OF OCCUPATIONAL SAFETY CERTIFICATE
ADVISER REQUIRED TO ADD. 493D MUST BE THE LAST COURSE
TAKEN TO COMPLETE THE OCCUPATIONAL SAFETY CERTIFICATE
Satisfactory-Fail Only.

1344700 1 ARRANGED FREEMAN S
MEETS: MAY 17-AUG 6

Note: FOR PERMISSION TO ENROLL, CONTACT BEN MCCARTY:
BMCCARTY@IASTATE.EDU OR 515-294-4087.
Department permission required.
Course delivery is WWW
Cmptr reqmt: http://www.agonline.iastate.edu
/resources/computer-requirements

/resources/computer-requirements

SPL TP AG&BIOSY MGT TSM 590A 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP MACHINE SYS TSM 590B 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP MACHINE SYS

PL TOPC MANUFACTRG TSM 590C 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOPC MANUFACTRG

PL TOP OCCUP SAFET TSM 590D 1-4 CREDITS
Prereq: GRAD CLASSIFICATION IN INDUSTRIAL AND AG
TECHNOLOGY, INSTRUCTOR PERMISSION, COMPLETION OF AN
INDEPENDENT STUDY CONTRACT APPROVED BY MAJOR PROF
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPL TOP OCCUP SAFET

CREATIVE COMPONENT ONENT TSM 599 1-3 CREI SEE DEPT FOR REFERENCE NUMBERS

1ST SS 2021 (CONTINUED) TECHNOLOGY SYSTEMS MANAGEMENT (CONTINUED) U.S. LATINO/A STUDIES CURRIC DEV TEC&ENGR 3 CREDITS INTERN US LATINO ST US LS 499 1-3 (
Prereq: US LS 211 OR PERMISSION OF PROGRAM DIRECTOR 1- 3 CREDITS TSM Prereq: PERMISSION OF INSTRUCTOR
4588005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is WWW Satisfactory-Fail Only.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS OLGY INTERNSHP TSM 697 R Prereq: PERMISSION OF MAJOR PROFESSOR AND UNIVERSITY STUDIES TECHNOLGY INTERNSHP -YR SEM I:APEX U ST 101F 1 CREDIT Prereq: ACCEPTANCE/PARTICIPATION IN APEX PROGRAM Note: COURSE FOR APEX PROGRAM STUDENTS ONLY APPROVAL BY DEPARTMENT CHAIR, GRAD CLASSIFICATION atisfactory-Fail Only.

1 ARRANGED FIRST-YR SEM I:APEX MEETS: MAY 17-AUG 6 TSM 699 1-6 CRE SEE DEPT FOR REFERENCE NUMBERS 6 CREDITS RESEARCH THEATRE THEATRE AND SOCIETY THTRE 110 1103700 1 ARRANGED MEETS: JUNE 14-AUG 6 3 CREDITS SCHAEFER K Note: Course delivery is WWW SPECIAL PROJECTS THTRE 290 1- 3 CREDITS PRECIAL PROJECTS THIRE 290 I - 3 CRE Prereq: 3 CREDITS IN THEATRE; PERMISSION OF INSTRUCTOR; APPROVAL OF WRITTEN PROPOSAL Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS NDEPENDENT STUDY U ST 490 VAR. CREDITS
Prereq: PERMISSION OF THE ASSOCIATE PROVOST
NOTE: PERMISSN OF ASSOC PROVOST FOR UNDERGRAD PROGRAMS
REQUIRED. PROCESS APPROVED ADD SLIP IN 10 ENRL SC.
Department permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS ADV TECH THTR PRACT THTRE 469 1-3 CREDIT Prereq: 9 CR IN THEATRE COURSES, JR CLASSIFICATN \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS URBAN DESIGN INDEPENDENT STUDY THTRE 490 1- 3 CREDIT Prereg: 9 CREDITS IN THEATRE, APPROVED WRITTEN PROPOSAL, JUNIOR CLASSIFICATION Note: NO MORE THAN 9 CREDITS OF THTRE 490 MAY BE URBN DSN GLOBL STDO URB D 502 6 CREDITS
Prereq: GRADUATE STANDING, OR SENIOR
CLASSIFICATION WITH INSTRUCTOR PERMISSION
3863005 1 ARRANGED SHIRTCLIFF B
MEETS: MAY 17-JULY 9 RICO-GUTIERREZ L
Note: Course delivery is On-site instruction APPLIED TOWARD GRADUATION
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CHEATRE INTERNSHIP THTRE 499 1-8 CREDITS

Prereq: 18 CR IN THEATRE, OTHER COURSES DEEMED

APPROPRIATE BY FACULTY ADVISER; 2ND SEMESTER JUNIOR

OR SENIOR STANDING; CUM GPA OF AT LEAST 2.50 OVERALL

AND 3.00 IN THTRE COURSES

\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS COUNDATNS URBN DSGN URB D 521 3 CRED
Prereq: GRADUATE STANDING, OR SENIOR
CLASSIFICATION WITH INSTRUCTOR PERMISSION
4020005 1 ARRANGED LEE S
MEETS: JUNE 14-AUG 6
Note: SEC 1 TOPIC: FOUNDATIONS OF URBAN DESIGN
COURSE delivery is WWW

T DIACANCATIO THEATRE INTERNSHIP FOUNDATNS URBN DSGN 1- 4 CREDITS SPECIAL TOPICS THTRE 590 Prereq: APPROVED WRITTEN PROPOSAL VET DIAGNOSTIC & PRODUCTION AN MED Note: Permission of department chair required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS PRECP:MXD FD AN MED VDPAM 420A 1-6
Prereq: 4TH YEAR CLASSIFICATION IN V MED
9072005 1 ARRANGED ENG TOXICOLOGY ENGELKEN T TOXICOLOGY SEMINAR TOX 1 CREDIT PRECP PRD AN MD:MXD VDPAM 420B 1-6 CREDITS
Prereq: 4TH YEAR CLASSIFICATION IN V MED
5207005 1 ARRANGED HISCOCKS M OAICOLOGY SEMINAR 10A 504 1 CRP
Prereq: PERMISSION OF INSTRUCTOR
7126005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction 1- 6 CREDITS PRECPT PROD AN:GOVT VDPAM 420C 1-6
Prereq: 4TH YEAR CLASSIFICATION IN V MED
5210005 1 ARRANGED MIC 6 CREDITS CLIN &DIAGNOS TOXIC TOX 546 1- 3 CREDITS Prereq: D.V.M. DEGREE OR VDPAM 526

1231005 1 ARRANGED

MEETS: MAY 17-AUG 6

Note: Course delivery is On-site instruction PRECP PRD AN MD:POU VDPAM 420P 1-6 CREDITS
Prereq: 4TH YEAR CLASSIFICATION IN V MED.
RECOMMENDED: VDPAM 408 OR VDPAM 498.
Note: NO MORE THAN 6 CREDITS IN VDPAM 420P MAY BE
APPLIED TOWARD GRADUATION
9110005 1 ARRANGED SATO V SPECIAL TOPICS TOX 590 VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 9110005 1 ARRANGED TOX 699 VAR. CREDITS SEE DEPT FOR REFERENCE NUMBERS RESEARCH GPVEC: FEEDLOT MGT VDPAM 421D 1 CREDIT TRANSPORTATION

REATIVE COMPONENT TRANS 599 1-3
Prereq: PRE-ENROLLMENT CONTRACT REQUIRED
4160005 1 ARRANGED
MEETS: MAY 17-AUG 6 CREATIVE COMPONENT

TRANS 699 1 ARRANGED MEETS: MAY 17-AUG 6 VAR. CREDITS

## U.S. LATINO/A STUDIES

LATINA/O HISTORY US LS 372
Note: Meets U.S. diversity reqmt
3427700 1 ARRANGED
MEETS: JUNE 14-JULY 9 3 CREDITS BEHNKEN B Note: Course delivery is WWW

Prereg: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE
8005 1 ARRANGED ENGELKEN T
MEETS: MAY 17-AUG 6 GPVEC: SHEEP WEANING VDPAM 421R 1 CREDIT Prereq: 4TH-YEAR CLASSIFICATION IN VET MED;
ABILITY TO PROVIDE OWN TRANSPORTATION TO EACH SITE 9793005 1 ARRANGED ENGELKEN T CLIN EMBRYO TRANSFR VDPAM 451 2 CREDIT Prereq: VDPAM 351; FOURTH YEAR CLASSIFICATION IN VET MED 1005 1 ARRANGED DOHLMAN Note: Course delivery is On-site instruction DOHLMAN T ANIM WELFARE CLINIC VDPAM 465 2 CRE
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
9642005 1 ARRANGED MILLMAN
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction MILLMAN S

VET DIAGNOSTIC & PRODUCTION AN MED

(CONTINUED)

AN RE:EQUINE REPROD VDPAM 471E 2 CREDITS Prereq: FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE

0805005 1 ARRANGED

BEACHLER T

AN RE:FOOD ANML THR VDPAM 471F 2 CREDITS Prereq: FOURTH YEAR CLASSIFICATION IN VETERINARY
MEDICINE
0602005 1 ARRANGED MESSERSCHN

MESSERSCHMIDT C

FOOD AN&CAM FLD SRV VDPAM 476 OOD AN&CAM FLD SRV VDPAM 476 1- 2 CREDITS
Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN
VETERINARY MEDICINE
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021
8725005 1 MTWRF 8:00-5:00 FRIEDRICH R
Note: Course delivery is On-site instruction

D ANM&CAM MED&SURG VDPAM 477 2 CRIP Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 6909005 1 MTWRF 8:00-5:00 BAYNE CONTROL OF STREET BAYNE OF STR FD ANM&CAM MED&SURG BAYNE T

SWINE DIS DIAG&MGT VDPAM 478C Prereq: VDPAM 310 0251005 1 ARRANGED KARRIKER L

SWI PROD MED PRECEP VDPAM 479 1-6 CREI Prereq: VDPAM 310; FOURTH YEAR CLASSIFICATION IN VETERINARY MEDICINE 1- 6 CREDITS

Note: COURSE RESTRICTED TO VM 4 STUDENTS ONLY 5454005 1 ARRANGED KARRIKE Note: Course delivery is On-site instruction

VDPAM 480 SWINE PRODUCTN MED WINE PRODUCTN MED VDPAM 480 2 CREDITS
Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
OR PERMISSION OF INSTRUCTOR
5572005 1 ARRANGED KARRIKER L

Note: Course delivery is On-site instruction

BF PROD MED PRECPTR VDPAM 482 1-6 CREDITS
Prereq: VDPAM 310; 4TH YEAR CLASSIFICATN IN V MED
4331005 1 ARRANGED ENGELKEN T

DAIRY PRODUCTN MED VDPAM 484 2 CREDITS
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
5609005 1 MTWRFS 8:00-12:00 GORDEN P
MTWRF 2:00-5:00 DAIRY PRODUCTN MED

DAIRY PRODU MED VDPAM 485 1-6 CREDITS
Prereq: VDPAM 310; 4TH-YEAR CLASSIFICATN IN V MED
Note: MULTIPLE ENROLLMENTS ARE ALLOWED. RESTRICTED
TO 4TH YEAR VET MED STUDENTS.
005 1 ARRANGED
Note: Course delivered APP DATRY PRODU MED

5431005

INDEPENDENT STUDY VDPAM 490 1- 5 CREDIT Prereq: PERMISSION OF DEPARTMENT CHAIR Note: Permission of instructor required. Process approved add slip in 2270A Vet Med.

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

PRECEPTORSHIP VDPAM 496 1-12 CREDIT Prereq: 2ND, 3RD OR 4TH YR CLASSIFICATN IN V MED Satisfactory-Fail Only.
7848005 1 ARRANGED INT'L PRECEPTORSHIP

CLIN &DIAGNOS TOXIC VDPAM 546 1- 3 CREDITS Prereq: D.V.M. DEGREE OR VDPAM 526
7676005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction

ADV VET DIAGNS PATH VDPAM 551 1-3 CREDITS
Prereq: VDPAM 455, V PTH 570, V PTH 571
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PRECEPTORSHIP VDPAM 596 1Prereq: ADMISSION TO GRADUATE COLLEGE
Satisfactory-Fail Only.
8005 1 ARRANGED
MEETS: MAY 17-AUG 6 INT'L PRECEPTORSHIP

Prereq: ENROLLMENT IN NONTHESIS MASTER'S DEGREE PROGRAM CREATIVE COMPONENT CREDITS

SEE DEPT FOR REFERENCE NUMBERS

VDPAM 699 VAR. CREI SEE DEPT FOR REFERENCE NUMBERS RESEARCH

## VETERINARY CLINICAL SCIENCES

OGY V C S 409 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE ONLY OFFERED FOR 2 CREDITS SUMMER 2021
005 1 MTWRF 8:00-5:00 9213005

PRACTICUM RACILCUM V C S 420 R CRED Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED, PERMISSION OF INSTRUCTOR Satisfactory-Fail Only.
4548005 1 ARRANGED V C S 420

BLANK PK ZOO ROTATN V C S 422 4 CREDITS

Prereq: FOURTH-YEAR CLASSIFICATION IN V MED,

V C S 405 AND/OR V C S 406; ENROLLMENT BY PERMISSION

OF INSTRUCTOR

1166005 1 ARRANGED

Note: Permission of instructor required. Process
Approved add slip in 2270A Vet Med.

M ANIML SHELTR MED V C S 437 2 CREI Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED 7944005 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction SM ANIML SHELTR MED

ANINE REHABILITATN V C S 441 2 CREI Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED 9232005 1 MTWRF 8:00-5:00 CANINE REHABILITATN Note: Course delivery is On-site instruction

2 CREDITS CLINICAL NEUROLOGY V C S 446 Prereq: 4TH-YEAR CLASSIFICATION IN VET MED 5112005 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction

CLINICL DERMATOLOGY V C S 452 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN VETERINARY
MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REPEAT MEDICINE. MUST HAVE INSTRUCTOR PERMISSION TO REFER THIS COURSE.
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
1931005 1 MTWRF 8:00-5:00
Note: Course delivery is On-site instruction

SMALL ANIMAL MED I V C S 453 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6889005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction

SM AN SOFT TISS SUR V C S 455 2 CREDITS

Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6891005 1 MTWRFS 8:00-5:00 Note: Course delivery is On-site instruction

SM AN ORTHOPED SURG V C S 456 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6892005 1 MTWRFFS 8:00-5:00 SM AN ORTHOPED SURG Note: Course delivery is On-site instruction

EOUINE MEDICINE V C S 457 2 CREDITS Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6893005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction

EQUINE SURGERY IE SURGERY V C S 458 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS 6894005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction

SM AN OVERPOP OMAHA Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 4050005 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction

M AN OVERPOPU D.M. V C S 459B 2 CRE Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 4107010 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction SM AN OVERPOPU D.M.

SM AN OVERPOPU K.C. V C S 459C 2 CRI Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 4313015 1 ARRANGED Note: Course delivery is On-site instruction

V C S 459D SM AN OVERPOP BOULD Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 6542005 1 MTWRF 8:00-5:00

Note: Course delivery is On-site instruction VETERINARY CLINICAL SCIENCES

(CONTINUED)

SM AN OVERPOP ASHVL V C S 459E 2 CRI Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 6640005 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction 2 CREDITS

RADIOLOGY V C S 460 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6896005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction

PRIMARY CARE V C S 463 2 CREDITS
Prereq: FOURTH YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
2322005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction

QUINE FIELD SERVIC V C S 464 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
4247005 1 MTWRF 8:00-5:00 EQUINE FIELD SERVIC Note: Course delivery is On-site instruction

V C S 465 2 CREDITS FARRIER Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7756005 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction

NESTHESIOLOGY V C S 466 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
NOTE: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction VET ANESTHESIOLOGY

INTENSIVE CARE V C S 468 4 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6900005 1 ARRANGED
Note: Course 322

Note: Course delivery is On-site instruction

OPHTHALMOLOGY V C S 469 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
6901005 1 MTWRFFS 8:00-5:00
Note: Course delivery is On-site instruction

2 CREDITS V C S 470 RADIOLOGY RADIOLOGY V C S 470 2 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;
COMPLETION OF V C S 460 RADIOLOGY IS REQUIRED;
ENROLLMENT BY PERMISSION OF INSTRUCTOR
Note: Permission of instructor required. Process
approved add slip in 2270A Vet Med.
6902005 1 MTWRFS 8:00-5:00
Note: Course delivery is On-site instruction

CMPARTV ANIM REPROD V C S 471C 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process
approved add slip in 2270A Vet Med.
3986005 1 ARRANGED

Note: Course delivery is On-site instruction

EQUINE REPRODUCTION V C S 471E 2 CREDIT Prereq: FOURTH-YEAR CLASSIFICATION IN VET MED Note: Permission of instructor required. Process approved add slip in 2270A Vet Med. 8598005 1 MTWRFS 8:00-5:00 2 CREDITS

Note: Course delivery is On-site instruction

SML ANIM REPRODUCTN V C S 471S 2 CREDIT Note: Permission of instructor required. Process approved add slip in 2270A Vet Med. 8613005 1 MTWRFS 8:00-5:00 Note: Course delivery is On-site instruction 2 CREDITS

VET CARDIOLGY ROTAT V C S 475 2 CI Prereq: FOURTH YEAR CLASSIFICATION IN V MED 2 CREDITS Note: Department permission required. 1005 1 MTWRFS 8:00-5:00 Note: Course delivery is On-site instruction 9128005

EQUINE ANESTHESLOGY V C S 476E 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: Permission of instructor required. Process
approved add slip in 2270A Vet Med.
7136005 1 ARRANGED EQUINE ANESTHESLOGY

Note: Course delivery is On-site instruction

INTENSV&CRITCL CARE V C S 478 2 CRI Prereq: FOURTH-YEAR CLASSIFICATION IN V MED 9816005 1 MTWRF 8:00-5:00 Note: Course delivery is On-site instruction 2 CREDITS

JET DENTST&ORAL SRG V C S 482 2 CREDITS
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED;
COMPLETION OF PRIMARY CARE ROTATION OR FAMILIAR
WITH THE PRIMARY CARE PROTOCOL; PROOF OF RABIES
PROPHYLAXIS AND A PROTECTIVE TITER
8729005 1 MTWRF 8:00-5:00
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction 2 CREDITS VET DENTST&ORAL SRG

VETERINARY CLINICAL SCIENCES (CONTINUED)

NDEPENDENT STUDY V C S 490 VAR. CREDITS
Prereq: PERMISSION OF COURSE INSTRUCTOR-OF-RECORD
AND SPONSORING V C S FACULTY MEMBER
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS INDEPENDENT STUDY

PRECEPTORSHIP V C S 496 1-12 CREDITS Prereq: CLASSIFICATION IN VET MED. PERMISSION OF COURSE INSTRUCTOR-OF-RECORD AND SPONSORING V C S INT'L PRECEPTORSHIP

Satisfactory-Fail Only. 6094005 1 ARRANGED

SPL TOPICS MEDICINE V C S 590A 1- 3 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPCL TOPICS SURGERY V C S 590B 1- 3 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

REATIVE COMPONENT V C S 599 VAR. CREDI'
Prereq: ENROLLMENT IN NONTHESIS MASTERS PROGRAM
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS CREATIVE COMPONENT CREDITS

CINE V C S 699A VAR. CREI SEE DEPT FOR REFERENCE NUMBERS RESEARCH MEDICINE

RESEARCH: CARDIOLOGY V C S 699G VAR. CREDITS \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## VETERINARY MICROBIOLOGY & PREV MED

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

Note: Course delivery is On-site instruction

INDEPENDENT STUDY V MPM 490 VAR. CREDITS
Prereq: PERMISSION OF INSTRUCTOR AND DEPT CHAIR
Note: COURSE ONLY OFFERED FOR 1-5 CREDITS SUMMER 2021
Permission of instructor required. Process
approved add slip in 2270A Vet Med.
\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

AL TOPICS V MPM 590 1-5 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

CREATIVE COMPONENT V MPM 599 VAR. CREDITS
Prereq: NONTHESIS M.S. OPTION ONLY
\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

V MPM 699 VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CREDITS RESEARCH

## VETERINARY PATHOLOGY

NECROPSY LAB PRACTM V PTH 456 1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7007005 1 MTWRF 1:10-5:00 FASINA O
S 10:00-11:50 Note: Course delivery is On-site instruction

CLIN PATH LAB PRACT V PTH 457 1 CREDIT
Prereq: FOURTH-YEAR CLASSIFICATION IN V MED
Note: COURSE RESTRICTED TO 4TH YEAR VET MED STUDENTS
7008005 1 MTWRF 8:00-11:50 MORTON M
Note: Course delivery is On-site instruction

CLIN VET PARASITOLO V PTH 476X 1-2 CREDITS Prereq: V PTH 376, 4TH YEAR CLASSIFICATION IN VET

MED

MED
Note: COURSE RESTRICTED TO COLLEGE OF VETMED
SENIORS ONLY
0914005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: SECT 1 OFFERED FOR 2 CREDITS BREWER M

INDEPENDENT STUDY V PTH 490 VAR. CREDIT Prereq: PERMISSION OF INSTRUCTOR & DEPT CHAIR Note: 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 CRI
Prereq: V PTH 376 OR V PTH 576
9668005 1 ARRANGED BREWER
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction DIAGN PARASITOL LAB 1- 3 CREDITS VETERINARY PATHOLOGY

(CONTINUED)

PATHOLOGY LAB V PTH 549 1 CF Prereq: V PTH 457, PERMISSION OF INSTRUCTOR Satisfactory-Fail Only. 005 1 ARRANGED VIALL MEETS: MAY 17-AUG 6 1 CREDIT CLIN PATHOLOGY LAB 7037005

Note: Instructor permission required. Course delivery is On-site instruction

CAL PATHOL LAB V PTH 550 1- 3 CREDITS
Prereq: V PTH 570 OR V PTH 571, PERMISSION OF
INSTRUCTOR
Note: Tart SURGICAL PATHOL LAR

Note: Instructor permission required.
Satisfactory-Fail Only.
7479005 1 ARRANGED HAYNES
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction HAYNES J

POSTMORT PATHOL LAB V PTH 551 1-3 CRE
Prereq: V PTH 542, PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
Satisfactory-Fail Only.
7038005 1 MTWRF 1:10-5:00 FALES-W
S 10:00-11:50
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction FALES-WILLIAMS A

SPL TOPC VET PATHOL V PTH 590A 1- 4 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

SPL TOP VET PARASIT V PTH 590B 1- 4 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 4 CREDITS

SP TOP VET CLIN PTH V PTH 590D 1- 4 CREI Prereq: PERMISSION OF INSTRUCTOR Note: Instructor permission required. \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

PECIAL TOPICS V PTH 590E 1-4 CREDITS
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS SPECIAL TOPICS

PATHOL V PTH 599A VAR. CRESEE DEPT FOR REFERENCE NUMBERS CRTY CMP VET PATHOL

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

IN PTH V PTH 599D VAR. CRE SEE DEPT FOR REFERENCE NUMBERS CRTV CMP V CLIN PTH

SEMINAR V PTH 605 1 CRE SEE DEPT FOR REFERENCE NUMBERS CURR TOPICS SEMINAR 1 CREDIT

R CREDIT

DIAG INTERPR V PATH V PTH 606A
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7029005 1 ARRANGED
MEETS: MAY 17-AUG 6

Note: Course delivery is On-site instruction R CREDIT

DIAG INTERP V PARAS V PTH 606B R CRE
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
7030005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction

DIAG INTERP VET TOX V PTH 606C R CRE
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
5787005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction

DIAG INTERP CLINPTH V PTH 606D R CRE
Prereq: PERMISSION OF INSTRUCTOR
Note: Instructor permission required.
9694005 1 ARRANGED
MEETS: MAY 17-AUG 6
Note: Course delivery is On-site instruction R CREDIT

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

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

VET CLIN PATH RSRCH V PTH 699D VAR. CRE \*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## WOMEN'S AND GENDER STUDIES

INTRO WOMN&GNDR STU WGS 3 CREDITS INTRO WOMN&GNDR STU WGS 201
Note: Meets U.S. diversity reqmt
ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
2ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
7058710 3 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW MOOKERJEE R WAHI, D STOEHR A

86

GNDR&SXL AM POP CUL WGS 3 CREDITS MDR&SXL AM POP CUL WGS 210
Note: Meets U.S. diversity reqmt
9809700 1 ARRANGED
MEETS: MAY 17-JUNE 11 DUBISAR A Note: Course delivery is WWW

WGS GENDER & COMMUNICTN 3 CREDITS Note: Meets U.S. diversity regmt
3533700 1 ARRANGED
MEETS: MAY 17-JULY 9 OLES-ACEVEDO D Note: Course delivery is WWW

SEX&GENDER IN SOCIE WGS 327
Prereq: SOC 134
Note: Meets U.S. diversity reqmt
7061700 1 ARRANGED
MEETS: MAY 17-JUNE 11
Note: Course delivery is WWW 3 CREDITS

STEWART S

WOMEN & LEADERSHIP WGS

3 CREDITS OMEN & LEADERSHIP WGS 333
Prereq: SOPHOMORE CLASSIFICATION
Note: Meets U.S. diversity reqmt
1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW WINFREY K

RUS STU IN ENGL:WMN WGS 370R Note: Meets international perspectives reqmt
6794700 1 ARRANGED
MEETS: JUNE 28-AUG 6

Note: Course delivery is WWW

INDEPENDENT STUDY WGS 490 1- 3 CREDI Prereq: ANY TWO COURSES IN WGS Note: NO MORE THAN 6 CREDITS OF WGS 490 MAY BE APPLIED TOWARD REQUIREMENTS FOR THE WGS MAJOR Department permission required.

\*\*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS 1- 3 CREDITS

NTERNSHIP WGS 491 1-3 CREI Prereq: JUNIOR OR SENIOR CLASSIFICATION \*\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

499 WGS SENIOR THESIS 3 CREDITS Prereq: SENIOR CLASSIFICATION

\*\*\*\*\*\*

SEE DEPT FOR REFERENCE NUMBERS

AL TOPICS WGS 590 VAR. CREDIT Prereq: PERMISSION OF WOMEN'S AND GENDER STUDIES PROGRAM DIRECTOR Note: Department room SPECIAL TOPICS

Note: Department permission required 1st week
\*\*\*\*\*\* SEE DEPT FOR REFERENCE NUMBERS

## WORLD FILM STUDIES

INTRO GLOBAL FILM W F S 278 Note: Meets international perspectives reqmt
0611700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW
0611705 2 ARRANGED O611705 2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is WWW
3 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is WWW

## WORLD LANGUAGES AND CULTURES

WLC INTRO WORLD LANGUAG 119 Note: Meets international perspectives reqmt
5865005 1 TR 10:00-12:00
MEETS: JUNE 15-JULY 15
Note: Course delivery is Hybrid (Online and F2F)

INTRO WRLD RELIGION WLC 205 Note: Meets international perspectives reqmt
0605700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is WWW

87

WORLD LANGUAGES AND CULTURES (CONTINU

INTRO GLOBAL FILM WLC 278 3 CREDITS
Note: Meets international perspectives reqmt

8193700 1 ARRANGED
MEETS: MAY 17-JULY 9
Note: Course delivery is www
8193705 2 ARRANGED
MEETS: JUNE 14-AUG 6
Note: Course delivery is www
8193710 3 ARRANGED
MEETS: JUNE 28-AUG 6
Note: Course delivery is www
Note: Course delivery is www (CONTINUED)