

UNIVERSITY STUDIES REQUIREMENTS (General Education and Depth Education)

University Studies Objectives: *The Citizen Scholar*

Students who attended USU prior to Fall 1998 have the option of completing the Quarter General Education program (see pages 87-94) or the University Studies requirements. Students who attended USU for the first time during Fall 1998 or later must complete the University Studies requirements.

Transfer students who have not received an AA or AS degree and who transfer to USU from other colleges and universities Fall Semester 2000 or later must complete the University Studies requirements. Transfer students who begin taking classes at USU prior to Fall Semester 2000 will be allowed to articulate into either the former quarter General Education program or into the University Studies program. Transfer students who choose to articulate into the University Studies program will:

- a. be required to complete the University Studies depth education requirements,
- b. be required to complete two of the University Studies integrated courses, and
- c. be allowed, on a course-by-course basis, to transfer courses to meet the University Studies competency, breadth, and depth education requirements.

The mission of undergraduate education at Utah State University is to help students develop intellectually, personally, and culturally, so that they may serve the people of Utah, the nation, and the world. USU prepares citizen-scholars who participate and lead in local, regional, national, and global communities. University Studies is an integral part of every student's university experience—in both lower-division and upper-division courses. A solid University Studies foundation, combined with concentrated study in a major discipline and interdisciplinary studies, provides the breadth and depth of knowledge qualifying USU graduates as educated citizens.

The University Studies program is intended to help students learn how to learn—not just for the present, but also for the future. No individual can master all, or even a small portion, of society's knowledge, but students can learn the

basic patterns used to obtain and organize information, enabling them to discover or recover knowledge. University Studies involves a series of interrelated educational experiences which stimulate and assist students in becoming self-reliant scholars and individuals. The ultimate objective is for general and discipline-specific education to complement each other in helping students to:

1. understand processes of acquiring knowledge and information;
2. reason logically, critically, creatively, and independently and be able to address problems in a broad context;
3. recognize different ways of thinking, creating, expressing, and communicating in a variety of media;
4. understand diversity in value systems and cultures in an interdependent world; and
5. develop a capacity for self-assessment and lifelong learning.

By introducing ideas and issues in human thought and experience, University Studies courses help students achieve the intellectual integration and awareness needed to meet the challenges they will face in their personal, social, and professional lives. University Studies courses emphasize how knowledge is achieved and applied in different domains. Collectively, they provide a foundation and perspective for:

1. understanding the nature, history, and methods of the arts and humanities, as well as the natural and physical sciences;
2. understanding the cultural, historical, and natural contexts shaping the human experience; and
3. interpreting the important cultural, socio-economic, scientific, and technological issues of the diverse global community in which we live.

A university education prepares students to work and live meaningfully in today's rapidly changing global society. Together, general and discipline-specific education help

students master the essential competencies making this goal possible. These competencies include:

1. reading, listening, and viewing for comprehension;
2. communicating effectively for various purposes and audiences;
3. understanding and applying mathematics and other quantitative reasoning techniques;
4. using various technologies competently; and
5. working effectively, both collaboratively and individually.

University Studies Requirements

The University Studies program, along with study in the major, is designed to assist students in achieving the Citizen Scholar Objectives. The program consists of two sets of requirements: General Education Requirements and Depth Education Requirements. Students who have received an AA or AS degree at any institution within the Utah System of Higher Education, or at another institution with which USU has an articulation agreement, will be considered to have fulfilled the General Education Requirements, but must still complete the Depth Education Requirements.

General Education Requirements (27-31 credits)

USU's General Education program consists of two sets of requirements: Competency and Breadth.

Competency Requirements (9-13 credits)

The Citizen Scholar Objectives propose that students should be able to communicate effectively, utilize quantitative methods, make appropriate use of technology, and function effectively in groups. The competency requirements are structured to develop these skills.

Communications Literacy (CL) (6 credits)

Engl 1010 (CL). Introduction to Writing: Academic Prose (3)

or

AP English Test: Score of 3 or better

or

ACT English Test: Score of 29 or better

or

CLEP English Test: Score of 500 or better

or

SAT Verbal Test: Score of 640 or better

AND

Engl 2010 (CL). Intermediate Writing: Research Writing in a Persuasive Mode (3)

Quantitative Literacy (QL) (3-4 credits)

Math 1030 (QL). Quantitative Reasoning (3)

or

Math 1050 (QL). College Algebra (4)

or

Stat 1040 (QL). Introduction to Statistics (3)

or

One Mathematics or Statistics course requiring MATH 1050 as a prerequisite, such as Math 1100, Math 1210, Math 1220, or Stat 2300

or

AP Calculus AB Test: Score of 3 or better

or

AP Calculus BC Test: Score of 3 or better

Computer and Information Literacy (CIL) (0-3 credits)

No specific course is required, but students must pass a competency exam in computer and information literacy. Communications Literacy, Quantitative Literacy, and Breadth courses associated with University Studies are intended to further develop these skills.

The Computer and Information Literacy exam has six parts:

- * Electronic Mail
- * Ethics of Computer-Assisted Information Access and Use
- * Information Resources
- * Operating Systems and Environments
- * Document Preparation
- * Spreadsheets

Students must score 70 percent or higher on each exam to pass. A student has met the requirement only after he/she has passed all six examinations. There is no college credit associated with this requirement. While some college credit classes (USU 1000, BIS 1400, CS 1020, Engr 1010, and Inst 1000) teach the required skills, simply passing the class does not meet the requirement. Only by passing all of the six CIL modules is the CIL requirement met.

There is a \$30 fee associated with this exam. Students having less than 60 semester credits when they register for their first semester at USU will be assessed a \$30 Computer and Information Literacy (CIL) fee. (If the student can show proof that the CIL requirement has been met at another Utah institution, the \$30 fee will be credited to the student's account.)

Once the fee is paid, there is no limit to the number of times a student can take each test. Once a test is passed, a student may not retake that test. After all tests are passed, students must go to the CIL web page, select **Recording on Transcript**, and then complete and submit the form. The CIL information will then be posted to their transcripts.

To learn more about the CIL requirement, visit the CIL web page at <http://cilserver.ser.usu.edu/cil.html>

Breadth Requirements (18 credits)

General Education breadth requirements are intended to introduce students to the nature, history, and methods of different disciplines; and to help students understand the cultural, historical, and natural contexts shaping the human experience. Breadth courses also focus on the important cultural, socio-economic, scientific, and technological issues of today's global community.

Students must take a minimum of 18 total credits, including at least one course from each of the six categories shown below.

At least two of the six breadth courses must be University Studies courses (USU 1300, 1310, 1320, 1330, and 1340). USU 1310 (Integrated Science) can be used to fill either the Life Sciences or the Physical Sciences requirement (i.e., a student could take USU 1310 and then select another approved course from either the Physical or Life Sciences). Students enrolled in the Honors Program may substitute Honr 1300H, 1310H, 1320H, 1330H, and 1340H for USU 1300, 1310, 1320, 1330, and 1340. Students should check with their advisors to determine which Advanced Placement and CLEP examinations can be used to meet Breadth requirements. Tables are found on pages 43-46.

Breadth American Institutions (BAI)

One of the following courses:

- USU 1300 (BAI). U.S. Institutions. (3)
- Econ 1500 (BAI). Introduction to Economic Institutions, History, and Principles. (3)
- Hist 1700 (BAI). American Civilization. (3)
- Hist 2700 (BAI). United States to 1877. (3)
- Hist 2710 (BAI). United States 1877-Present. (3)
- Honr 1300H (BAI). U.S. Institutions. (3)
- PolS 1100 (BAI). United States Government and Politics. (3)

Or one of the following exams:

- AP Macroeconomics Test: Score of 3 or higher
- AP U.S. Government and Politics Test: Score of 3 or higher
- AP U.S. History Test: Score of 3 or higher
- CLEP Principles of Macroeconomics Test: Score of 48 or higher

Breadth Creative Arts (BCA)

One of the following courses:

- USU 1330 (BCA). Civilization: Creative Arts. (3)
- Art 1100 (BCA). Exploring Art. (3)
- Art 1110 (BCA). Drawing I. (3)
- Art 1120 (BCA). Two-dimensional Design. (3)
- HEnv 1750 (BCA). Design in Everyday Living. (3)
- HEnv 1790 (BCA). Interior Design Theory. (3)
- Honr 1330H (BCA). Civilization: Creative Arts. (3)
- LAEP 1030 (BCA). Introduction to Landscape Architecture. (3)
- Musc 1010 (BCA). Introduction to Music. (3)
- Musc 1020 (BCA). Fundamentals of Music. (3)
- Thea 1010 (BCA). Understanding Theatre. (3)
- Thea 1020 (BCA). Introduction to Film. (3)

Or one of the following exams:

- AP Art Studio Drawing Test: Score of 3 or higher
- AP Art Studio General Test: Score of 3 or higher
- AP Music Listening Test: Score of 3 or higher
- AP Music Theory Test: Score of 3 or higher

Breadth Humanities (BHU)

One of the following courses:

- USU 1320 (BHU). Civilization: Humanities. (3)
- Art 2710 (BHU). Survey of Western Art: Prehistoric to Medieval. (3)
- Art 2720 (BHU). Survey of Western Art: Renaissance to Post-Modern. (3)
- Engl 1030 (BHU). Understanding Literature. (3)
- Engl/Hist/Anth 1710 (BHU). Introduction to Folklore. (3)
- Engl 2030 (BHU). Introduction to Shakespeare. (3)
- Engl/Hist 2040 (BHU). British and Commonwealth Cultures. (3)
- Hist 1020 (BHU). Cultural and Economic Exchange in the Pre-Nineteenth Century World. (3)
- Hist 1030 (BHU). The Modern World. (3)
- Hist 1040 (BHU). Foundations of Western Civilization: Ancient and Medieval. (3)
- Hist 1050 (BHU). Foundations of Western Civilization: Modern. (3)
- Hist 1060 (BHU). Introduction to Islamic Civilization. (3)
- Honr 1320H (BHU). Civilization: Humanities. (3)
- Phil 1010 (BHU). Introduction to Philosophy. (3)
- Phil 1200 (BHU). Practical Logic. (3)
- Phil 2400 (BHU). Ethics. (3)
- Phil 2500 (BHU). Social Ethics. (3)
- Thea 1030 (BHU). Exploring Performance Through Literature. (3)

Or one of the following exams:

- AP Art History Test: Score of 3 or higher
- AP European History Test: Score of 3 or higher
- CLEP General Humanities Test: Score of 480 or higher
- CLEP Analysis and Interpretations of Literature Test: Score of 49 or higher
- CLEP Western Civilization I: Ancient to 1648 Test: Score of 47 or higher
- CLEP Western Civilization II: 1648 to Present Test: Score of 47 or higher

Breadth Life Sciences (BLS) or (BSC)

One of the following courses:

- USU 1310 (BSC). Integrated Science. (3)
- Anth 1020 (BLS). Biological Anthropology. (3)
- Biol 1010 (BLS). Biology and the Citizen. (3)
- Biol 1210 (BLS). Biology I. (3) and Biol 3300 (BLS). General Microbiology. (4) (prereq.) (Both Biol 1210 and 3300 must be taken. This option is available only to students majoring in Biological Engineering or Environmental Engineering.)
- Biol 1220 (BLS). Biology II. (3) (prereq.)
- FW 1200 (BLS). Biodiversity: Its Conservation and Future. (3)
- Honr 1310H (BSC). Integrated Science. (3)
- NFS 1020 (BLS). Science and Application of Human Nutrition. (3)
- PISc 2000 (BLS). Plants, Genes, and Agriculture. (3) (prereq.)
- RLR/FW 2200 (BLS). Ecology of Our Changing World. (3)

Or one of the following exams:

- AP Biology Test: Score of 3 or higher
- AP Environmental Studies Test: Score of 3 or higher
- CLEP General Examination for Natural Science (Biological Science) Test: Score of 480 or higher
- CLEP Subject Examination for General Biology Test: Score of 46 or higher

Breadth Physical Sciences (BPS) or (BSC)

One of the following courses:

- USU 1310 (BSC). Integrated Science. (3)
- Bmet 2000 (BPS). The Atmosphere and Weather. (3)
- Chem 1010 (BPS). Introduction to Chemistry. (3)
- Chem 1120 (BPS). General Chemistry II. (4) (prereq.)
- Chem 1220 (BPS). Principles of Chemistry II. (4) (prereq.)
- CS 1010 (BPS). Foundations of Computer Science. (3)
- Geog/NR 1130 (BPS). Physical Geography. (3)
- Geol 1100 (BPS). Exploring the Changing Earth: Introduction to Geology. (3)
- Geol 1150 (BPS). The Dynamic Earth: Physical Geology. (4)
- Honr 1310H (BSC). Integrated Science. (3)
- Phyx 1000 (BPS). Introductory Astronomy. (3)
- Phyx 1100 (BPS). Great Ideas in Physics. (3)

Phyx 1200 (BPS). Introduction to Physics by Hands-on Exploration. (4)
 Phyx 1800 (BPS). Physics of Technology. (4) (prereq.)
 Phyx 2120 (BPS). The Physics of Living Systems II. (4) (prereq.)
 Soil 2000 (BPS). Soils, Waters, and the Environment. (3)

Or one of the following exams:

AP Chemistry Test: Score of 3 or higher
 AP Computer Science AB Test: Score of 3 or higher
 AP Environmental Studies Test: Score of 3 or higher
 CLEP General Physical Science Test: Score of 480 or higher

Breadth Social Sciences (BSS)

One of the following courses:

USU 1340 (BSS). Social Systems and Issues. (3)
 Anth 1010 (BSS). Cultural Anthropology. (3)
 Anth 1030 (BSS). World Archaeology. (3)
 Anth 2100 (BSS). Peoples of the Contemporary World. (3)
 ASTE 2900 (BSS). Humanity in the Food Web. (3)
 Econ 1550 (BSS). Introduction to Environmental and Natural Resource Economics. (3)
 FHD 1500 (BSS). Human Development Across the Lifespan. (3)
 FHD 2400 (BSS). Marriage and Family Relationships. (3)
 Geog 1030 (BSS). World Regional Geography. (3)
 Geog 2030 (BSS). Human Geography. (3)
 HEnv 2450 (BSS). The Consumer and the Market. (3)
 Honr 1340H (BSS). Social Systems and Issues. (3)
 JCom 1000 (BSS). Introduction to Mass Communication. (3)
 JCom 2000 (BSS). Media Smarts: Making Sense of the Information Age. (3)
 NR 1010 (BSS). Humans and the Changing Global Environment. (3)
 NR 2340 (BSS). Natural Resources and Society. (3)
 PoS 2200 (BSS). Comparative Politics. (3)
 Psy 1010 (BSS). General Psychology. (3)
 Soc 1010 (BSS). Introductory Sociology. (3)
 SpEd 1010 (BSS). Disability in the American Experience. (3)

Or one of the following exams:

AP Government and Politics: Comparative Test: Score of 3 or higher
 AP Psychology Test: Score of 3 or higher
 CLEP General Social Sciences/History Test: Score of 480 or higher

Courses not approved as Breadth Courses that will satisfy the Breadth requirement for specific majors

University Studies now requires each student to take a Breadth course in all six areas, including the area in which his or her major is classified. In order to accommodate students within majors without an approved Breadth course, the following courses will satisfy the Breadth requirement for only the majors indicated.

MAJOR	CATEGORY	COURSE(S)
American Studies	HU	Engl 2160 or 2170
Biological Engineering	PS	Chem 2300
Computer Engineering	PS	Phyx 2220
Computer Science	PS	CS 1700
Economics	SS	Econ 2010
Electrical Engineering	PS	Phyx 2220
English	HU	Engl 2160 or 2170
Environmental Engineering	PS	Phyx 2220
French	HU	Fren 3550 or 3600
German	HU	Germ 3000 or 3300
Manufacturing Engineering	PS	Phyx 2220
Mathematics	PS	Math 1210 or Phyx 2220
Mechanical Engineering	PS	Phyx 2220
Music	CA	Musc 1120
Music Therapy	CA	Musc 1120
Parks & Recreation	SS	PRP 1000
Physical Education	LS	Biol 2000
Physics	PS	Phyx 2220
Spanish	HU	Span 3050
Statistics	PS	Math 1210 or Phyx 2220
Theatre Arts	CA	Thea 1210

Depth Education Requirements

Beyond the General Education requirements, all students who receive a bachelor's degree must complete two Communications Intensive, one Quantitative Intensive, and two Depth courses.

Communications Intensive (CI) (2 courses)

For most students, courses taken for the major will meet this requirement.

Acct 4510 (CI). Auditing Principles and Techniques. (3)
 ADVS 3300 (CI). Animal Production and Public Policy. (2)
 ADVS 4200 (CI). Physiology of Reproduction and Lactation. (4)
 ADVS 4920 (CI). Undergraduate Seminar. (2)
 ADVS 5700 (CI). Animal Histology and General Pathobiology. (5)
 Anth 1030 (CI). World Archaeology. (3)
 Anth 3120 (CI). Peoples of the Pacific. (3)
 Anth 3130 (CI). Peoples of Latin America. (3)
 Anth 3170 (CI). Symbol Systems and the Origins of Writing and Literacy. (3)
 Anth 3180 (CI). Ecology in Anthropology. (3)
 Anth 3200 (CI). Perspectives on Race. (3)
 Anth 3310 (CI). Introduction to Museum Studies. (3)
 Anth 4120 (CI). Ethnography of Childhood. (3)
 ASTE 3050 (CI). Technical and Professional Communication Principles in Agriculture. (3)
 ASTE 3240 (CI). Teaching in Laboratory Settings. (3)
 ASTE 4150 (CI). Methods of Teaching Agriculture. (3)
 BIE 4880 (CI). Biological Engineering Design II. (3)
 BIE 4890 (CI). Biological Engineering Design III. (3)
 Biol 3010 (CI). Evolution. (3)
 Biol 3100 (CI). Bioethics. (3)
 Biol 5250 (CI). Evolutionary Biology. (3)
 BIS 1550 (CI). Business Correspondence. (3)
 BIS 2550 (CI). Business Communication. (3)
 BIS 4550 (CI). Principles of International Business Communications. (3)
 CEE 4790 (CI). Environmental Engineering Design II. (2)
 CEE 4870 (CI). Civil Engineering Design II. (2)
 CEE 4880 (CI). Civil Engineering Design III. (2)
 CEE 4890 (CI). Environmental Engineering Design III. (2)
 Chem 3080 (CI). Physical Chemistry Laboratory I. (1)
 Chem 3090 (CI). Physical Chemistry Laboratory II. (1)
 Chem 4800 (CI). Research Problems. (1-2)
 Chem 4990 (CI). Undergraduate Seminar. (1)
 ComD 2910 (CI). Sign Language I. (3)
 ComD 4100 (CI). Clinical Practicum in Speech-Language Pathology. (1-2)
 ComD 4910 (CI). Sign Language III. (3)
 CS 2370 (CI). Software Engineering. (3)
 CS 3010 (CI). Information Acquisition, Analysis, and Presentation. (3)
 CS 3410 (CI). Algorithm Development: JAVA/Internet. (3)
 ECE 4840 (CI). Design II. (3)
 ECE 4850 (CI). Design III. (2)
 Econ 4030 (CI). Agribusiness Finance. (3)
 Econ 5020 (CI). Economics and Public Policy. (3)
 Econ 5350 (CI). Agribusiness, Cooperatives, and Management. (3)
 Econ 5950 (CI). Senior Project. (3)
 EIEd 3000 (CI). Foundation Studies and Practicum in Teaching and Classroom Management Level II. (6-8)
 EIEd 4030 (CI). Teaching Language Arts and Practicum Level III. (3)
 EIEd 4040 (CI). Teaching Reading II and Practicum Level III. (3)
 Engl 3400 (CI). Professional Writing. (3)
 Engl/Hist 3700 (CI). Regional Folklore. (3)
 Engl 4500 (CI). Teaching Writing. (3)
 Engl 4510 (CI). Teaching Literature. (3)
 Engl/Hist 4640 (CI). Studies in the American West. (3)
 Engl/Hist 4690 (CI). American Studies Capstone Seminar. (3)
 Engl 5300 (CI). Literature and Gender. (3)
 Engl 5320 (CI). Literature and Cultural Difference. (3)
 Engl 5340 (CI). Studies in Literary and Cultural Theory. (3)
 Engl 5350 (CI). Literary Studies Capstone. (3)
 Engl 5430 (CI). Professional Writing Capstone. (3)
 Engl 5910 (CI). Senior Honors Thesis. (1-6)

FHD 4900 (CI). Pre-Practicum Skills. (3)
 FR/Biol 5420 (CI). Forest Pathology. (2)
 Fren 3050 (CI). French Composition. (3)
 Fren 3060 (CI). French Conversation. (3)
 Fren 3510 (CI). Business French. (3)
 Fren 4050 (CI). Advanced French Composition. (3)
 Fren 4060 (CI). Advanced French Conversation. (3)
 FW 3100 (CI). Fish Diversity. (3)
 FW 3200 (CI). Wildlife Diversity. (3)
 Geog 4200 (CI). Regional Geography. (3)
 Geol 3550 (CI). Sedimentation and Stratigraphy. (4)
 Geol 4700 (CI). Geologic Field Methods. (2)
 Geol 5440 (CI). Paleogeology. (2)
 Geol 5520 (CI). Hydrogeologic Field Methods. (3)
 Germ 3040 (CI). Advanced German Grammar and Composition. (3)
 Germ 3050 (CI). Advanced German Grammar and Composition. (3)
 Germ 3510 (CI). Business German. (3)
 Germ 3540 (CI). Techniques in Translating German Texts. (3)
 HEnv 3060 (CI). Human Behavior Related to Dress. (3)
 HEnv 3750 (CI). History of Interior Furnishings and Architecture II. (3)
 HEnv 4070 (CI). Merchandising Management Strategies and Entrepreneurship. (3)
 HEnv 4740 (CI). Business and Professional Practices in Interior Design. (2)
 HEP 4000 (CI). Introduction to Community Health. (3)
 HEP 5000 (CI). Race, Class, and Gender Issues in Health. (3)
 Hist/Art 3110 (CI). Ancient Near East. (3)
 Hist 3130 (CI). Greek History. (3)
 Hist 3150 (CI). Roman History. (3)
 Hist 3220 (CI). Medieval European Civilization, 500-1500. (3)
 Hist/Engl 3710 (CI). Folklore Colloquium. (3)
 Hist 3760 (CI). The United States, 1900-1945. (3)
 Hist 3850 (CI). History of Utah. (3)
 Hist 3950 (CI). Environmental History. (3)
 Hist 4230 (CI). The History of Christianity in the West. (3)
 Hist 4550 (CI). The History of Women and Family in America. (3)
 Hist 4600 (CI). The History of the American West. (3)
 Hist/Engl 4620 (CI). Advanced Seminar in American Studies. (3)
 Hist 4990 (CI). Special Topics in History. (3)
 ITE 4610 (CI). AeroTechnology Design II. (3)
 ITE 4620 (CI). AeroTechnology Design III. (3)
 ITE 4660 (CI). Flight Senior Project. (3)
 ITE 4710 (CI). Electronics/Computer Design II. (3)
 ITE 4720 (CI). Electronics/Computer Design III. (3)
 ITE 4810 (CI). Welding Design II. (3)
 ITE 4820 (CI). Welding Design III. (3)
 ITE 5220 (CI). Program and Course Development. (4)
 JCom 3120 (CI). Copy Editing and Publication Design. (3)
 JCom 4110 (CI). Computer-Assisted Reporting. (3)
 JCom 4120 (CI). Sports Writing. (3)
 JCom 4210 (CI). Newscast I. (3)
 JCom 4220 (CI). Newscast II. (3)
 JCom 5110 (CI). Literary Journalism. (3)
 JCom 5300 (CI). Public Relations Agency I. (3)
 LAEP 2700 (CI). Site Analysis and Design. (5)
 LAEP 4920 (CI). Professional Practice. (1)
 LAS 2020 (CI). Pathways to Thinking. (3)
 MAE 4800 (CI). Design II. (3)
 MAE 4810 (CI). Design III. (2)
 Math 4200 (CI). Foundations of Analysis. (3)
 Math 4310 (CI). Introduction to Algebraic Structures. (3)
 Math 5580 (CI). Actuarial Math II. (3)
 MHR 4880 (CI). Business Strategy in an Entrepreneurial Context. (3)
 MHR 4890 (CI). Business Strategy in a Global Context. (3)
 Musc 1460 (CI). Organ Literature I. (2)
 Musc 1470 (CI). Organ Literature II. (2)
 Musc 3130 (CI). Music History III/Theory IV: The Twentieth Century. (3)
 Musc 4320 (CI). Psychology of Music II. (2)
 NFS 4660 (CI). Medical Dietetics. (12)
 NFS 4780 (CI). Maternal and Child Nutrition. (4)
 NFS 5110 (CI). Food Microbiology. (4)
 NFS 5920 (CI). Food Product Development. (3)
 PEP 3200 (CI). Motor Learning and Skill Analysis. (3)
 PEP 4900 (CI). Methods of Physical Education. (3)
 PEP 5430 (CI). The History and Philosophy of Physical Education. (3)
 Phil 3100 (CI). Ancient Philosophy. (3)
 Phil 3120 (CI). Early Modern Philosophy. (3)

Phil 3150 (CI). Kant and His Successors. (3)
 Phil 3160 (CI). Contemporary Philosophy. (3)
 Phil 3180 (CI). Contemporary European Philosophy. (3)
 Phil 3730 (CI). Philosophy of the New Testament. (3)
 Phyx 3870 (CI). Intermediate Laboratory I. (2)
 Phyx 3880 (CI). Intermediate Laboratory II. (2)
 Phyx 4250 (CI). Cooperative Work Experience. (1-6)
 Phyx 4900 (CI). Research in Physics. (1-3)
 Phyx 5870 (CI). Advanced Laboratory. (3)
 PolS 4220 (CI). Ethnic Conflict and Cooperation. (3)
 PolS 4450 (CI). United States and Latin America. (3)
 PolS 4990 (CI). Senior Research Seminar. (3)
 Port 3040 (CI). Advanced Portuguese Grammar and Composition. (3)
 PRP 3500 (CI). Community Recreation Administration. (3)
 PRP 5000 (CI). Seminar in Recreation. (3)
 PSB 4890 (CI). Senior Seminar. (1)
 Psy 4510 (CI). Effective Social Skills Interventions. (3)
 Psy 5200 (CI). Introduction to Interviewing and Counseling. (3)
 Psy 5950 (CI). Undergraduate Apprenticeship I. (3)
 Psy 5960 (CI). Undergraduate Apprenticeship II. (3)
 PubH 5500 (CI). Public Health Management. (2)
 RLR 5410 (CI). Vegetation Analysis for Livestock and Wildlife. (4)
 RR 4100 (CI). Wildland Recreation Behavior. (3)
 Russ 3510 (CI). Business Russian. (3)
 ScEd 3200 (CI). Teaching and Learning Strategies. (2)
 ScEd 3210 (CI). Educational and Multicultural Foundations. (3)
 ScEd 4200 (CI). Reading, Writing, and Technology. (3)
 ScEd 5100 (CI). Educational and Multicultural Foundations. (2)
 Soc 3110 (CI). Methods of Social Research. (3)
 Soc 4420 (CI). Criminal Law and Justice. (3)
 Soc/Geog/Anth 5650 (CI). Developing Societies. (3)
 Span 3050 (CI). Introduction to Literature and Composition. (3)
 Span 3060 (CI). Advanced Spanish Conversation and Composition. (3)
 Spch 1050 (CI). Public Speaking. (3)
 Spch 2600 (CI). Interpersonal Communication. (3)
 Spch 3400 (CI). Interpersonal Influence. (3)
 Spch 4800 (CI). Nonverbal Communication. (3)
 Spch 5100 (CI). Theories of Speech Communication. (3)
 SpEd 5200 (CI). Student Teaching in Special Education. (3-15)
 SpEd 5210 (CI). Student Teaching in Special Education: Dual Majors. (3-15)
 Stat 5100 (CI). Linear Regression and Time Series. (3)
 Stat 5600 (CI). Applied Multivariate Statistics. (3)
 Stat 5890 (CI). Problem Solving in Statistics. (3)
 SW 5350 (CI). Social Welfare Policy. (3)

Quantitative Intensive (QI) (1 course)

For most students, a course taken for the major will meet this requirement.

ADVS 1250 (QI). Applied Agricultural Computations. (2)
 ADVS 3510 (QI). Applied Animal Nutrition. (3)
 ADVS 4560 (QI). Principles in Animal Breeding. (3)
 ASTE 3040 (QI). Fabrication Practices in Agricultural Buildings. (2)
 ASTE 3600 (QI). Management of Agricultural Machinery Systems. (3)
 BA 3080 (QI). Operations Research. (3)
 BA 3400 (QI). Corporate Finance. (3)
 Biol 3200 (QI). Principles of Genetics. (4)
 Biol 3220 (QI). Field Ecology. (2)
 Biol/Math 4230 (QI). Applied Mathematics in Biology. (3)
 Biol 4400 (QI). Plant Physiology. (4)
 Biol/NR 5200 (QI). Modeling Biological Systems. (3)
 Biol 5300 (QI). Microbial Physiology. (4)
 Biol 5540 (QI). Invertebrate Physiology. (4)
 Biol 5610 (QI). Comparative Animal Physiology Laboratory. (2)
 BIS 3140 (QI). Managing Personal Finances. (3)
 Chem 3060 (QI). Physical Chemistry. (3)
 Chem 3070 (QI). Physical Chemistry. (3)
 Chem 3600 (QI). Quantitative Analysis. (3)
 CS 1720 (QI). Introduction to Computer Science—CS 2. (3)
 CS 2200 (QI). Algorithms and Data Structures—CS 3. (3)
 CS 3010 (QI). Information Acquisition, Analysis, and Presentation. (3)
 CS 3500 (QI). Algorithm Development: Visual BASIC/Graphical User (3)
 CS 3510 (QI). Algorithm Development: COBOL/Business. (3)
 ECE 3260 (QI). Science of Sound. (3)
 Econ 4310 (QI). Mathematical Methods for Economics. (4)
 Econ 5310 (QI). Mathematical Methods for Economics. (4)

Econ 5330 (QI). Applied Econometrics. (3)
 FHD 3130 (QI). Research Methods. (3)
 Geog/Bmet 3820 (QI). Global Climatology. (4)
 Geol 5510 (QI). Groundwater Geology. (3)
 Geol 5530 (QI). Exploration Geophysics and Petroleum Exploration. (4)
 Geol 5540 (QI). Quantitative Methods in Geology. (3)
 Geol 5620 (QI). Global Geophysics. (3)
 HEnv 3350 (QI). Family Finance. (3)
 HEP 4200 (QI). Planning and Evaluation for Health Education. (3)
 Hist 4610 (QI). Themes and Methods in Economic History. (3)
 ITE 2300 (QI). Electronic Fundamentals. (4)
 LAEP 2600 (QI). Landscape Construction I. (4)
 LAS 2120 (QI). Pathways to Reasoning. (3)
 MAE 3440 (QI). Heat and Mass Transfer. (3)
 Math 2020 (QI). Introduction to Logic and Geometry. (3)
 Math 2210 (QI). Multivariable Calculus. (3)
 Math 2250 (QI). Linear Algebra and Differential Equations. (4)
 Math 2270 (QI). Linear Algebra. (3)
 Math 2280 (QI). Ordinary Differential Equations. (3)
 NFS 3100 (QI). Sensory Evaluation of Food. (3)
 NFS 4440 (QI). Fundamentals of Food Engineering. (4)
 NFS 5120 (QI). Biologic Markers of Diet and Disease Risk Lab. (2)
 NFS 5500 (QI). Food Analysis. (4)
 NR 3600 (QI). Quantitative Assessment for Natural Resources. (3)
 PEP 4200 (QI). Biomechanics. (4)
 PEP 4400 (QI). Evaluation in Physical Education. (3)
 Phil 2200 (QI). Deductive Logic. (3)
 Phyx 2210 (QI). General Physics—Science and Engineering I. (4)
 Phyx 2220 (QI). General Physics—Science and Engineering II. (4)
 Phyx 3010 (QI). Space Exploration from Earth to the Solar System. (3)
 Phyx 3030 (QI). The Universe. (3)
 Phyx 3040 (QI). Space Weather—Dangers to the High-Tech World. (3)
 Phyx 4010 (QI). Chaos Under Control. (3)
 Phyx 4020 (QI). Nature, Art, and Music. (3)
 PISc 4600 (QI). Cereal Science. (3)
 PolS 3000 (QI). Introduction to Political Research. (3)
 Psy 2800 (QI). Psychological Statistics. (3)
 PubH 5330 (QI). Industrial Hygiene Chemical Hazard Control. (3)
 RLR 5410 (QI). Vegetation Analysis for Livestock and Wildlife. (4)
 Soc 3120 (QI). Social Statistics I. (3)
 Soil 5550 (QI). Soils and Plant Nutrient Bioavailability. (3)
 SpEd 5010 (QI). Applied Behavioral Analysis 1: Principles, Assessment, and Analysis. (3)
 Stat 2000 (QI). Statistical Methods. (3)
 Stat 3000 (QI). Statistics for Scientists. (3)
 Stat 5100 (QI). Linear Regression and Time Series. (3)
 Stat 5300 (QI). Statistical Process Control. (3)

Depth Course Requirements (2 courses)

Students are required to take two upper-division courses outside their major.

Approved 3000-level or above courses must be taken from two of the following three categories: **Depth Humanities and Creative Arts (DHA)**, **Depth Life and Physical Sciences (DSC)**, and **Depth Social Sciences (DSS)**. Each student must select one course from each of the two categories which *do not* include his or her major (e.g., Sociology majors would select one 3000-level or above course from the Depth Humanities and Creative Arts and one 3000-level or above course from the Depth Life and Physical Sciences).

Depth Humanities and Creative Arts (DHA)

One course is required for all students whose major is NOT categorized as Humanities (HU) or Creative Arts (CA).

Engl 3020 (DHA). Perspectives in Linguistics. (3)
 Engl 3030 (DHA). Perspectives in Literature. (3)

Engl 3040 (DHA). Perspectives in Writing and Rhetoric. (3)
 Engl 3050 (DHA). Masterpieces of World Literature. (3)
 Engl/Hist 3070 (DHA). Perspectives in Folklore. (3)
 Fren 4610 (DHA). Survey of French Literature: Part I. (3) (prereq.)
 Fren 4620 (DHA). Survey of French Literature: Part II. (3) (prereq.)
 Fren 4630 (DHA). Survey of French Literature: Part III. (3) (prereq.)
 Germ 3000 (DHA). Introduction to German Studies. (3) (prereq.)
 Germ 3300 (DHA). Contemporary German Speaking Cultures. (3) (prereq.)
 Germ 3550 (DHA). Cultural History of German Speaking Peoples. (3) (prereq.)
 Germ 3600 (DHA). Survey of German Literature I. (3) (prereq.)
 Germ 3610 (DHA). Survey of German Literature II. (3) (prereq.)
 HEnv 3740 (DHA). History of Interior Furnishings and Architecture I. (3)
 HEnv 3750 (DHA). History of Interior Furnishings and Architecture II. (3)
 HEnv 4150 (DHA). History of Apparel and Textiles I. (3)
 HEnv 4160 (DHA). History of Apparel and Textiles II. (3)
 Hist/Art 3110 (DHA). Ancient Near East. (3) (prereq.)
 Hist 3130 (DHA). Greek History. (3) (prereq.)
 Hist 3150 (DHA). Roman History. (3) (prereq.)
 Hist 3220 (DHA). Medieval European Civilization, 500-1500. (3) (prereq.)
 Hist 3760 (DHA). The United States: 1900-1945. (3) (prereq.)
 Hist 3850 (DHA). History of Utah. (3) (prereq.)
 Hist 3950 (DHA). Environmental History. (3)
 Hist 4230 (DHA). The History of Christianity in the West. (3)
 Hist 4550 (DHA). The History of Women and Family in America. (3)
 Hist 4600 (DHA). The History of the American West. (3)
 Honr 3020H (DHA). Special Topics: Humanities/Creative Arts. (3)
 Musc 3010 (DHA). Masterpieces of Music. (3)
 Musc 3020 (DHA). History of Jazz. (3)
 Phil 3180 (DHA). Contemporary European Philosophy. (3)
 Phil 3510 (DHA). Environmental Ethics. (3)
 Phil 3520 (DHA). Business Ethics. (3)
 Phil 3800 (DHA). Philosophy in Literature. (3)
 Phil 3810 (DHA). Aesthetics. (3)
 Phil 4300 (DHA). Epistemology. (3)
 Phil 4310 (DHA). Philosophy of Science. (3)
 Phil/Hist 4320 (DHA). History of Scientific Thought. (3)
 Phil 4410 (DHA). Philosophy of Mind. (3)
 Phil 4540 (DHA). Human Values and Technology. (3)
 Phil 4610 (DHA). Social and Political Philosophy. (3)
 Span 3550 (DHA). Spanish Culture and Civilization. (3) (prereq.)
 Span 3570 (DHA). Latin American Culture and Civilization. (3) (prereq.)
 Span 3600 (DHA). Survey of Spanish Literature I. (3) (prereq.)
 Span 3610 (DHA). Survey of Spanish Literature II. (3) (prereq.)
 Span 3620 (DHA). Survey of Latin American Literature I. (3) (prereq.)
 Span 3630 (DHA). Survey of Latin American Literature II. (3) (prereq.)
 Thea 5240 (DHA). Contemporary Theatre. (3) (prereq.)

Depth Life and Physical Sciences (DSC)

One course is required for all students whose major is NOT categorized as Life Sciences (LS) or Physical Sciences (PS).

ADVS 3200 (DSC). Ethical Issues in Genetic Engineering and Biotechnology. (3)
 Biol 3010 (DSC). Evolution. (3)
 Biol 3020 (DSC). Brain and Behavior. (3) (prereq.)
 Biol 3030 (DSC). Genetics and Society. (3) (prereq.)
 Biol 3040 (DSC). Plants and Civilization. (3) (prereq.)
 Biol 3050 (DSC). Insect Biology. (3) (prereq.)
 Biol 3060 (DSC). Exploring Animal Behavior. (3) (prereq.)
 Chem 3650 (DSC). Environmental Chemistry. (3) (prereq.)
 CS 3010 (DSC). Information Acquisition, Analysis, and Presentation. (3) (prereq.)
 CS 3410 (DSC). Algorithm Development: Java/Internet. (3) (prereq.)
 CS 3500 (DSC). Algorithm Development: Visual BASIC/Graphical User. (3) (prereq.)
 CS 3510 (DSC). Algorithm Development: COBOL/Business. (3) (prereq.)
 ECE 3260 (DSC). Science of Sound. (3)
 FW/Geog 3000 (DSC). Oceanography. (3)
 Geog/Bmet 3820 (DSC). Global Climatology. (4) (prereq.)
 Geol 3100 (DSC). Natural Disasters. (3) (prereq.)
 Geol 3200 (DSC). The Earth Through Time. (4) (prereq.)
 Geol 3300 (DSC). Geology of the World's Oceans. (3) (prereq.)
 HEnv 3030 (DSC). Textile Science. (4)
 Honr 3010H (DSC). Special Topics: Life and Physical Sciences. (3)
 ITE 3440 (DSC). Science, Technology, and Modern Society. (3)

LAS 3010 (DSC). Introduction to Biotechnology. (3) (prereq.)
 NFS 3110 (DSC). Food, Technology, and Health. (3) (prereq.)
 Phil 4530 (DSC). Ethics and Biotechnology. (3)
 Phyx 3010 (DSC). Space Exploration from Earth to the Solar System. (3) (prereq.)
 Phyx 3020 (DSC). Great Scientists. (3) (prereq.)
 Phyx 3030 (DSC). The Universe. (3) (prereq.)
 Phyx 4010 (DSC). Chaos Under Control. (3) (prereq.)
 Phyx 4020 (DSC). Nature, Art, and Music. (3) (prereq.)
 PISc 3200 (DSC). Horticultural Science. (3)
 PISc 4600 (DSC). Cereal Science. (3) (prereq.)
 RLR/Geol 3050 (DSC). Ecology of Logan Canyon and Vicinity. (3)
 Soil 3100 (DSC). Soils and Civilization. (3)

Depth Social Sciences (DSS)

One course is required for all students whose major is NOT categorized as Social Sciences (SS).

Anth 3120 (DSS). Peoples of the Pacific. (3) (prereq.)
 Anth 3160 (DSS). Anthropology of Religion. (3)

Anth 3170 (DSS). Symbol Systems and the Origins of Writing and Literacy. (3) (prereq.)
 Anth 3180 (DSS). Ecology in Anthropology. (3)
 Anth 3200 (DSS). Perspectives on Race. (3)
 Anth 3300 (DSS). Archaeology in North America. (3)
 Anth 3350 (DSS). Archaeology of Ancient Civilizations. (3)
 Anth 4110 (DSS). Southwest Indian Cultures, Past and Present. (3)
 Anth 4130 (DSS). Medical Anthropology: Matter, Culture, Spirit, and Health. (3)
 Anth 4360 (DSS). Ancient Desert West. (3-4) (prereq.)
 Anth 5100 (DSS). Anthropology of Sex and Gender. (3)
 Anth 5160 (DSS). Cities and Development. (3)
 BIS 3100 (DSS). Business Information Systems. (3)
 BIS 5700 (DSS). Internet Management and Electronic Commerce. (3) (prereq.)
 Econ 3030 (DSS). Introduction to Agribusiness Marketing. (3) (prereq.)
 Econ 3050 (DSS). Introduction to Agribusiness Management. (3) (prereq.)
 Econ 3400 (DSS). International Economics for Business. (3) (prereq.)
 Econ 5110 (DSS). Economic History of the United States. (3) (prereq.)
 Econ 5150 (DSS). Comparative Economic Systems. (3) (prereq.)
 FR 4000 (DSS). Human Dimensions of Natural Resource Management. (3)
 HEnv 3060 (DSS). Human Behavior Related to Dress. (3) (prereq.)
 HEnv 3280 (DSS). Economic Issues for Individuals and Families. (3)
 HEnv 3340 (DSS). Housing: Societal and Environmental Issues. (3)
 HEnv 3350 (DSS). Family Finance. (3) (prereq.)
 Honr 3030H (DSS). Special Topics: Social Sciences. (3)
 JCom 3140 (DSS). Opinion Writing. (3)
 JCom 3300 (DSS). Corporate Communications. (3) (prereq.)
 JCom 3400 (DSS). Gender and Communication. (3)
 JCom 3410 (DSS). Film as Cultural Communication. (3)
 JCom 4010 (DSS). Mass Communication Ethics. (3)
 JCom 4020 (DSS). Mass Media and Society. (3)
 JCom 4030 (DSS). Mass Media Law. (3)
 MHR 3110 (DSS). Managing Organizations and People. (3)
 MHR 3720 (DSS). Leadership, Ethics, and Organizational Change. (3) (prereq.)
 MHR 3810 (DSS). Employment Law and Policy Development. (3) (prereq.)
 MHR 3820 (DSS). International Management. (3)
 PolS 3110 (DSS). Parties and Elections. (3)
 PolS 3120 (DSS). Law and Politics. (3)
 PolS 3130 (DSS). United States Legislative Politics. (3)
 PolS 3140 (DSS). The Presidency. (3)
 PolS 3190 (DSS). Gender, Power, and Politics. (3)
 PolS 3210 (DSS). Western European Government and Politics. (3)
 PolS 3220 (DSS). Russian and East European Government and Politics. (3)
 PolS 3250 (DSS). Chinese Government and Politics. (3)
 PolS 3270 (DSS). Latin American Government and Politics. (3)
 PolS 3310 (DSS). American Political Thought. (3)
 PolS 3400 (DSS). United States Foreign Policy. (3)
 PolS 3810 (DSS). Introduction to Public Policy. (3)
 PolS 4320 (DSS). History of Political Thought II. (3)
 PolS 4440 (DSS). Gender and World Politics. (3)
 PolS 4820 (DSS). Natural Resources and Environmental Policy. (3)
 PolS 5350 (DSS). Evolution, Conflict, and Cooperation. (3)
 Psy 3210 (DSS). Abnormal Psychology. (3) (prereq.)
 Psy 3400 (DSS). Analysis of Behavior: Advanced. (4) (prereq.)
 Psy 3500 (DSS). Scientific Thinking and Methods of Psychology. (3) (prereq.)

Psy 3510 (DSS). Social Psychology. (3) (prereq.)
 Psy 4210 (DSS). Personality Theory. (3) (prereq.)
 Psy 4230 (DSS). Psychology of Gender. (3)
 Psy 4240 (DSS). Multicultural Psychology. (3) (prereq.)
 Psy 4420 (DSS). Cognitive Psychology. (3) (prereq.)
 ScEd 3210 (DSS). Educational and Multicultural Foundations. (3)
 ScEd 5100 (DSS). Educational and Multicultural Foundations. (2) (prereq.)
 Soc 3200 (DSS). Population and Society. (3)
 Soc 3610 (DSS). Rural Sociology. (3)
 Soc 4620 (DSS). Sociology of the Environment and Natural Resources. (3)
 Soc/Geog/Anth 5650 (DSS). Developing Societies. (3)
 Spch 3050 (DSS). Technical and Professional Communication. (3)
 Spch 3330 (DSS). Intercultural Communication. (3)

Categorization of Majors

The courses that must be taken to satisfy University Studies requirements depend on the classification of the student's major. For example, Music is classified in the Creative Arts. Thus, a music major would not need to take a depth course in the Humanities and Creative Arts and might satisfy the Creative Arts breadth requirement by taking a departmentally designated course other than those breadth courses listed under Creative Arts.

Following is the categorization of majors used for University Studies. These abbreviations are used: **CA—Creative Arts, HU—Humanities, LS—Life Sciences, PS—Physical Sciences, and SS—Social Sciences.**

College of Agriculture

Agricultural Economics, **SS**
 Soil Science, **PS**
 All other majors, **LS**

College of Business

All majors, **SS**

College of Education

Communicative Disorders and Deaf Education, **SS**
 Elementary Education, (**category same as professional depth category**)
 Health, Physical Education and Recreation
 Parks and Recreation, **SS**
 All other majors, **LS**
 Instructional Technology, (**no undergraduate degree**)
 Psychology, **SS**
 Secondary Education, (**category same as teaching major category**)
 Special Education, (**may use any category**)

College of Engineering

All majors, **PS**

College of Family Life

Interior Design, **CA**
 Nutrition and Food Sciences, **LS**
 All other majors, **SS**

College of Humanities, Arts and Social Sciences

Art, **CA**
 English, **HU**
 History, **HU**
 Journalism and Communication, **SS**
 Landscape Architecture and Environmental Planning, **CA**

Languages and Philosophy, **HU**
 Liberal Arts and Sciences, **HU**
 Music, **CA**
 Political Science, **SS**
 Sociology, Social Work and Anthropology, **SS**
 Theatre Arts, **CA**

College of Natural Resources

Geography, **SS**
 Watershed Science, **PS**
 All other majors, **LS**

College of Science

Biology, **LS**
 All other majors, **PS**

Designation of Courses Required for General Education and Depth Education Requirements

All University Studies courses approved for the General Education and Depth Education Requirements are clearly designated in the *General Catalog* and in the current *Schedule of Classes*. The designations used for University Studies courses are as follows:

Competency Courses

Communications Literacy, **CL**
 Quantitative Literacy, **QL**

Breadth Courses

American Institutions, **BAI**
 Creative Arts, **BCA**
 Humanities, **BHU**
 Life Sciences, **BLS** or **BSC**
 Physical Sciences, **BPS** or **BSC**
 Social Sciences, **BSS**

Intensive Courses

Communications Intensive, **CI**
 Quantitative Intensive, **QI**

Depth Courses

Humanities and Creative Arts, **DHA**
 Life and Physical Sciences, **DSC**
 Social Sciences, **DSS**

University Studies (USU) Courses

USU 1000. Introduction to Computers and Information Literacy. Introduction to basic concepts of computers and information literacy. Preparation for USU Computer and Information Literacy (CIL) test. For students having some familiarity with computers, but needing additional instruction. Taught during the first four weeks of fall semester. **Note:** Unlike the other five University Studies courses, USU 1000 *cannot* be counted toward the breadth requirements. (1 cr) (F)

USU 1300 (BAI). U.S. Institutions. Provides basic understanding of the history, principles, form of government, and economic system of the United States. Emphasis on ideas and critical thinking, rather than dates, names, and places. (3 cr) (F, Sp, Su)

USU 1310 (BSC). Integrated Science. Focuses on basic scientific concepts and methods of inquiry used by scientists, with emphasis on ideas rather than facts. Investigates science from a broad perspective, showing how various disciplines of science are interrelated. Can be used to meet *either* the Life Sciences *or* the Physical Sciences breadth requirement. (3 cr) (F, Sp, Su)

USU 1320 (BHU). Civilization: Humanities. Provides basic understanding of a broad range of themes, which cut across human history and continue to be important in contemporary society. (3 cr) (F, Sp, Su)

USU 1330 (BCA). Civilization: Creative Arts. Students will explore questions such as: What is Art? How is it judged? How does artistic expression vary across cultures? Course will cover several forms of art and students will attend concerts, visit galleries, and attend theatrical performances. (3 cr) (F, Sp, Su)

USU 1340 (BSS). Social Systems and Issues. Examines debates in the social sciences about contexts which shape human experience. Compares experiences between life stages, individuals, groups, societies, and/or historical periods. Contrasts different social science disciplines. (3 cr) (F, Sp, Su)