

# General Education Requirements

The General Education program, along with study in the major, is designed to assist students in achieving the Citizen Scholar Objectives (see page D5).

## Transfer Students

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 University Studies Depth Education Requirements.

Students who transfer to Utah State University with less than an Associate Degree (and have not completed General Education requirements) or with an Associate of Applied Science Degree will have their General Education courses evaluated on a course-by-course basis and may be required to take any additional courses necessary to satisfy the General Education requirements at Utah State University. However, if these students have taken equivalent General Education courses at the sending institution, these courses will be accepted toward satisfying General Education requirements at Utah State University.

Courses approved as fulfilling General Education requirements at a Utah System of Higher Education (USHE) institution will be acceptable to Utah State University as satisfying comparable General Education requirements. Coursework acceptability at other institutions will be determined by the student's major department at Utah State University.

## General Education Requirements (30-34 credits)

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

### Competency Requirements (9-10 credits)

The Citizen Scholar Objectives (see page D5) 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 (CL1 and CL2) (6 credits)

**ENGL 1010 (CL1)** Introduction to Writing: Academic Prose ..... 3

#### Or one of the following exams:

- ACT English Test: Score of 29 or higher
- SAT Verbal Test: Score of 640 or higher
- AP English Language Test: Score of 3 or higher
- AP English Literature Test: Score of 3 or higher
- CLEP English Composition Test: Score of 50 or higher
- CLEP Freshman College Composition Test: Score of 53 or higher
- IBO English A1 Test: Standard-level Score of 4-7

#### And

**ENGL 2010 (CL2)** Intermediate Writing: Research Writing in a Persuasive Mode..... 3

#### Or the following exam:

IBO English A1 Test: Higher-level Score of 4-7 (satisfies both CL1 and CL2)

### Quantitative Literacy (QL) (3-4 credits)

#### One of the following courses:

- MATH 1030 (QL)** Quantitative Reasoning..... 3  
(MATH 1030 is not currently being taught.)
- MATH 1050 (QL)** College Algebra..... 4
- STAT 1040 (QL)** Introduction to Statistics ..... 3

#### Or

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

#### Or one of the following exams:

- ACT Math Test: Score of 25 or higher
- SAT Math Test: Score of 580 or higher
- AP Calculus AB Test: Score of 3 or higher
- AP Calculus BC Test: Score of 3 or higher
- CLEP Calculus Test: Score of 50 or higher
- CLEP College Algebra Test: Score of 50 or higher
- IBO Mathematics Test: Higher-level Score of 4-7

### Computer and Information Literacy (CIL) (0 credits)

Students must pass competency exams in computer and information literacy. Communications Literacy, Quantitative Literacy, and Breadth courses associated with General Education are intended to further develop these skills.

The Computer and Information Literacy requirement includes six exams:

1. Information Law and Ethics
2. Information Resources
3. Document Processing
4. Operating Systems
5. Spreadsheets
6. Electronic Presentations

Students must score 70 percent or higher on each exam to pass. A student has met the requirement only after he or she has passed all six examinations. There is no college credit associated with this requirement. While some college credit classes teach the required skills for the CIL exams, simply passing any class does not meet the requirement. Only by passing all of the six CIL tests is the CIL requirement met. Students should complete the CIL requirement during their freshman year, as many upper-division classes build on the skills covered in CIL. It is also a prerequisite for several majors. **Effective Spring Semester 2010, students must complete the CIL requirement prior to enrolling in ENGL 2010.**

There is a \$30 fee associated with this requirement. 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 and the fee is paid, the CIL requirement will be posted to the student's transcript.

To learn more about the CIL requirement, visit the following website: <http://cil.usu.edu>

# General Education Requirements

## Breadth Requirements (18-20 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, 1320, 1330, 1340, 1350, and 1360).** Students enrolled in the Honors Program may substitute HONR 1300, 1320, 1330, 1340, 1350, and 1360 for USU 1300, 1320, 1330, 1340, 1350, and 1360.

Students who previously took USU 1310 (BSC) Integrated Science may use the class to fill either the Life Sciences or the Physical Sciences requirement (i.e., a student could have taken USU 1310 and then select another approved course from either the Physical or Life Sciences). Students who took USU 1310 may repeat the class by taking USU 1350 or 1360 *only* by completing a Repeated Course Form through the Registrar's Office.

**Exceptions may be made for transfer students or students who have earned credit (prior to attending USU) through Advanced Placement (AP), College Level Examination Program (CLEP), International Baccalaureate Organization (IBO), DANTES Standardized Subject Tests (DSST), or concurrent enrollment.** Students who have earned credit in five breadth areas, prior to attendance at USU, will *only* be required to take *one* breadth course having a USU prefix. Students who have earned credit in *all six* breadth areas, prior to attendance at USU, will *not* be required to take a breadth course having a USU prefix.

Students should check with an advisor to determine which AP, CLEP, DSST, and IBO examinations can be used to meet breadth requirements. Tables are found on pages D11-D16.

**Other Exceptions.** There may be other exceptions to this policy. For example, a student who transfers to USU and has earned credit in five of six breadth areas, but needs to take a course in the sixth breadth area as part of a major requirement, will not be required to take any USU breadth courses.

Exceptions may be made to satisfy the breadth requirement within a major's categorization. For example, in order to accommodate students within majors or minors not offering an approved Breadth course, an advisor may allow substitution of a higher-numbered course (i.e., a higher numbered Physics class might be used to satisfy the Physical Sciences requirement for an Engineering major). In order to accommodate students within majors or minors offering an approved Breadth course, but for which a student is required to take a significant amount of coursework within the subject matter that does not include the approved Breadth course, an advisor may allow substitution of a higher-numbered course (i.e., a higher-numbered Music class might be used to satisfy the Creative Arts requirement for a Music major).

**Recording Exceptions.** When exceptions are granted, it is the advisor's responsibility to record the exception or substitution within the degree audit program.

**Students transferring from USU to another institution.** Students who plan to transfer from USU to another institution may request to have an official Letter of Completion sent from USU to the transfer institution. A Letter of Completion may be requested when a student completes the General Education portion of the University Studies Requirements, including a breadth course in all six areas. Students who receive a Letter of Completion and transfer to another institution are not required to complete two USU breadth courses if they are completing a bachelor's degree at another institution.

**Prerequisites are required for breadth courses having titles followed by (prereq.). For details, see course listings in the General Catalog.**

## Breadth American Institutions (BAI) (3 credits)

**One of the following courses:**

<b>USU 1300 (BAI)</b> U.S. Institutions .....	3
<b>ECN 1500 (BAI)</b> Introduction to Economic Institutions, History, and Principles .....	3
<b>HIST 1700 (BAI)</b> American Civilization .....	3
<b>HIST 2700 (BAI)</b> United States to 1877 .....	3
<b>HIST 2710 (BAI)</b> United States 1877-Present.....	3
<b>HONR 1300 (BAI)</b> U.S. Institutions .....	3
<b>POLS 1100 (BAI)</b> 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 American Government Test: Score of 60 or higher
CLEP History of the U.S. I: Early to 1877 Test: Score of 50 or higher
CLEP History of the U.S. II: 1865 to Present Test: Score of 50 or higher
CLEP Principles of Macroeconomics Test: Score of 53 or higher
IBO Economics Test: Standard- or Higher-level Score of 4-7

## Breadth Creative Arts (BCA) (3 credits)

**One of the following courses:**

<b>USU 1330 (BCA)</b> Civilization: Creative Arts .....	3
<b>ART 1010 (BCA)</b> Exploring Art.....	3
<b>HONR 1330 (BCA)</b> Civilization: Creative Arts .....	3
<b>ID 1750 (BCA)</b> Design in Everyday Living .....	3
<b>ID 1790 (BCA)</b> Interior Design Theory .....	3
<b>LAEP 1030 (BCA)</b> Introduction to Landscape Architecture .....	3
<b>MUSC 1010 (BCA)</b> Introduction to Music.....	3
<b>MUSC 1100 (BCA)</b> Fundamentals of Music.....	3
<b>THEA 1013 (BCA)</b> Understanding Theatre.....	3
<b>THEA 1023 (BCA)</b> Introduction to Film.....	3

**Or one of the following exams:**

AP Music Theory Test: Score of 3 or higher
AP Studio Art: Drawing: Score of 3 or higher
AP Studio Art: 2-D Design: Score of 3 or higher
AP Studio Art: 3-D Design: Score of 3 or higher
IBO Music Test: Standard- or Higher-level Score of 4-7
IBO Theatre Arts Test: Higher-level Score of 5-7
IBO Visual Arts Test: Standard- or Higher-level Score of 4-7

# General Education Requirements

## Breadth Humanities (BHU) (3 credits)

One of the following courses:

USU 1320 (BHU) Civilization: Humanities.....	3
ANTH 2210 (BHU) Introduction to Folklore.....	3
ARTH 2710 (BHU) Survey of Western Art: Prehistoric to Medieval.....	3
ARTH 2720 (BHU) Survey of Western Art: Renaissance to Post-Modern.....	3
ENGL 2200 (BHU) Understanding Literature.....	3
ENGL 2210 (BHU) Introduction to Folklore.....	3
ENGL 2300 (BHU) Introduction to Shakespeare.....	3
ENGL 2630 (BHU) Survey of American Culture.....	3
HIST 1060 (BHU) Introduction to Islamic Civilization.....	3
HIST 1100 (BHU) Foundations of Western Civilization: Ancient and Medieval.....	3
HIST 1110 (BHU) Foundations of Western Civilization: Modern.....	3
HIST 1500 (BHU) Cultural and Economic Exchange in the Pre-Nineteenth Century World.....	3
HIST 1510 (BHU) The Modern World.....	3
HIST 2210 (BHU) Introduction to Folklore.....	3
HONR 1320 (BHU) Civilization: Humanities.....	3
PHIL 1000 (BHU) Introduction to Philosophy.....	3
PHIL 1120 (BHU) Social Ethics.....	3
PHIL 1200 (BHU) Practical Logic.....	3
PHIL 2400 (BHU) Ethics.....	3
SPCH 1020 (BHU/CI) Public Speaking.....	3
SPCH 2110 (BHU/CI) Interpersonal Communication.....	3
THEA 1030 (BHU) Exploring Performance Through Aesthetic Texts.....	3

Or one of the following exams:

AP Art History Test: Score of 3 or higher
AP English Literature Test: Score of 3 or higher
AP European History Test: Score of 3 or higher
AP World History Test: Score of 3 or higher
CLEP Analyzing and Interpreting Literature Test: Score of 52 or higher
CLEP Western Civilization I: Ancient to 1648 Test: Score of 50 or higher
CLEP Western Civilization II: 1648 to Present Test: Score of 50 or higher
IBO History—European Test: Higher-level Score of 5-7
IBO History of the Americas Test: Higher-level Score of 5-7
IBO History—Islamic Test: Higher-level Score of 5-7
IBO Philosophy Test: Standard- or Higher-level Score of 4-7

## Breadth Life Sciences (BLS) (3-4 credits)

One of the following courses:

USU 1350 (BLS) Integrated Life Science.....	3
ANTH 1020 (BLS) Biological Anthropology.....	3
BIOL 1010 (BLS) Biology and the Citizen.....	3
BIOL 1300 (BLS) Of Maggots, Mites, and Men.....	3
BIOL 1610 (BLS) Biology I (4 cr) and BIOL 3300 (BLS) General Microbiology (prereq.) (4 cr).....	8
<i>(Both BIOL 1610 and 3300 must be taken. This option is available only to students majoring in Biological Engineering or Environmental Engineering.)</i>	
BIOL 1610 (BLS) Biology I (4 cr) and BIOL 3060 (BLS/QI) Principles of Genetics (prereq.) (4 cr).....	8
<i>(Both BIOL 1610 and 3060 must be taken. This option is available only to students in the Bioinformatics Emphasis of the Computer Science Major.)</i>	
BIOL 1620 (BLS) Biology II (prereq.).....	4
HONR 1350 (BLS) Integrated Life Science.....	3

NFS 1020 (BLS) Science and Application of Human Nutrition.....	3
PSC 1800 (BLS) Introduction to Horticulture.....	3
WATS 1200 (BLS) Biodiversity and Sustainability.....	3
WILD 2200 (BLS) Ecology of Our Changing World.....	3

Or one of the following exams:

AP Biology Test: Score of 3 or higher
AP Environmental Science Test: Score of 3 or higher
CLEP Biology Test: Score of 50 or higher
IBO Biology Test: Standard- or Higher-level Score of 4-7

## Breadth Physical Sciences (BPS) (3-4 credits)

One of the following courses:

USU 1360 (BPS) Integrated Physical Science.....	3
CHEM 1010 (BPS) Introduction to Chemistry.....	3
CHEM 1110 (BPS) General Chemistry I.....	4
CHEM 1120 (BPS) General Chemistry II (prereq.).....	4
CHEM 1220 (BPS) Principles of Chemistry II (prereq.).....	4
CS 1030 (BPS) Foundations of Computer Science.....	3
CS 1060 (BPS) Cyber Security: Threats, Analysis, and Defense.....	3
GEO 1010 (BPS) Introduction to Geology: Geology of National Parks.....	3
GEO 1060 (BPS) Introduction to Environmental Geoscience.....	3
GEO 1110 (BPS) The Dynamic Earth: Physical Geology.....	4
GEOG 1000 (BPS) Physical Geography.....	3
HONR 1360 (BPS) Integrated Physical Science.....	3
PHYS 1020 (BPS) Energy.....	3
PHYS 1040 (BPS) Introductory Astronomy.....	3
PHYS 1080 (BPS) Intelligent Life in the Universe.....	3
PHYS 1100 (BPS) Great Ideas in Physics.....	3
PHYS 1200 (BPS) Introduction to Physics by Hands-on Exploration.....	4
PHYS 1800 (BPS) Physics of Technology (prereq.).....	4
PHYS 2120 (BPS) General Physics—Life Sciences II (prereq.).....	4
PHYS 2220 (BPS/QI) General Physics—Science and Engineering II.....	4
PSC 2000 (BPS) The Atmosphere and Weather.....	3
PSC 2010 (BPS) Soils, Waters, and the Environment.....	3

Or one of the following exams:

AP Chemistry Test: Score of 3 or higher
AP Physics B Test: Score of 3 or higher
AP Physics C: Electricity and Magnetism Test: Score of 3 or higher
DSST Astronomy Test: Score of 48 or higher
DSST Introduction to Computing Test: Score of 50 or higher
DSST Principles of Physical Science I Test: Score of 47 or higher
IBO Chemistry Test: Higher-level Score of 4-7
IBO Geography Test: Higher-level Score of 5-7
IBO Physics Test: Standard- or Higher-level Score of 4-7

## Breadth Social Sciences (BSS) (3 credits)

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 2010 (BSS) Peoples of the Contemporary World.....	3
ANTH 2330 (BSS) Principles of Archaeology.....	3
APEC 2010 (BSS) Introduction to Microeconomics (prereq.).....	3
ASTE 2900 (BSS) Humanity in the Food Web.....	3
ECN 2010 (BSS) Introduction to Microeconomics (prereq.).....	3
ENVS 2340 (BSS) Natural Resources and Society.....	3
FCHD 1010 (BSS) Balancing Work and Family.....	3
FCHD 1500 (BSS) Human Development Across the Lifespan.....	3

# General Education Requirements

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<b>FCHD 2400 (BSS)</b> Marriage and Family Relationships .....	3
<b>FCHD 2450 (BSS)</b> The Consumer and the Market .....	3
<b>GEOG 1300 (BSS)</b> World Regional Geography .....	3
<b>GEOG 1400 (BSS)</b> Human Geography .....	3
<b>HONR 1340 (BSS)</b> Social Systems and Issues .....	3
<b>JCOM 1500 (BSS)</b> Introduction to Mass Communication .....	3
<b>JCOM 2010 (BSS)</b> Media Smarts: Making Sense of the Information Age .....	3
<b>MSL 2110 (BSS)</b> Foundations of Leadership .....	3
<b>NR 1010 (BSS)</b> Humans and the Changing Global Environment .....	3
<b>POLS 2200 (BSS)</b> Comparative Politics .....	3
<b>PSY 1010 (BSS)</b> General Psychology .....	3
<b>REH 1010 (BSS)</b> Society and Disability .....	3
<b>SOC 1010 (BSS)</b> Introductory Sociology .....	3
<b>SPED 1010 (BSS)</b> Society and Disability .....	3
<b>WGS 1010 (BSS)</b> Introduction to Women and Gender Studies .....	3

**Or one of the following exams:**

- AP Government and Politics: Comparative Test: Score of 3 or higher
- AP Human Geography Test: Score of 3 or higher
- AP Microeconomics Test: Score of 3 or higher
- AP Psychology Test: Score of 3 or higher
- CLEP Introductory Psychology Test: Score of 55 or higher
- CLEP Introductory Sociology Test: Score of 55 or higher
- DSST Environment and Humanity Test: Score of 46 or higher
- DSST Human/Cultural Geography Test: Score of 48 or higher
- IBO Economics Test: Higher-level Score of 4-7
- IBO Geography Test: Higher-level Score of 5-7
- IBO Psychology Test: Standard- or Higher-level Score of 4-7
- IBO Social and Cultural Anthropology Test:  
Standard- or Higher-level Score of 4-7

## Exploration Requirement (3-4 credits)

Choose an additional class from one of the following General Education categories: QL, BAI, BCA, BHU, BLS, BPS, or BSS.  
(**Note:** This additional class is required *only* for students whose first semester enrolled at USU is Summer Semester 2008 or thereafter.)

## Designation of Courses that Satisfy General Education Requirements

All courses approved for the General Education Requirements are clearly designated in the *General Catalog*. The designations used for General Education courses are as follows:

### Competency Courses

- Communications Literacy, **CL1** and **CL2**
- Quantitative Literacy, **QL**

### Breadth Courses

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