

# 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 53).

## 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 53) 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  
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 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. Computer 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.

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>

### 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.

# General Education Requirements

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.

**Prerequisites are required for breadth courses having titles followed by (prereq.). For details, see course listings in the Course Descriptions section of this catalog.**

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

One of the following courses:

<b>USU 1300 (BAI)</b> U.S. Institutions .....	3
<b>ECON 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 1300H (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
(formerly ART 1100 BCA)	
<b>HONR 1330H (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
(formerly MUSC 1020 BCA)	
<b>THEA 1013 (BCA)</b> Understanding Theatre .....	3
(formerly THEA 1010 BCA)	
<b>THEA 1023 (BCA)</b> Introduction to Film .....	3
(formerly THEA 1020 BCA)	

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	

## Breadth Humanities (BHU) (3 credits)

One of the following courses:

<b>USU 1320 (BHU)</b> Civilization: Humanities .....	3
<b>ANTH 2210 (BHU)</b> Introduction to Folklore .....	3
(formerly ANTH 1710 BHU)	
<b>ARTH 2710 (BHU)</b> Survey of Western Art: Prehistoric to Medieval .....	3
(formerly ART 2710 BHU)	
<b>ARTH 2720 (BHU)</b> Survey of Western Art: Renaissance to Post-Modern .....	3
(formerly ART 2720 BHU)	
<b>ENGL 2200 (BHU)</b> Understanding Literature .....	3
(formerly ENGL 1030 BHU)	
<b>ENGL 2210 (BHU)</b> Introduction to Folklore .....	3
(formerly ENGL 1710 BHU)	
<b>ENGL 2300 (BHU)</b> Introduction to Shakespeare .....	3
(formerly ENGL 2030 BHU)	
<b>ENGL 2630 (BHU)</b> Survey of American Culture .....	3
<b>HIST 1060 (BHU)</b> Introduction to Islamic Civilization .....	3
<b>HIST 1100 (BHU)</b> Foundations of Western Civilization: Ancient and Medieval .....	3
(formerly HIST 1040 BHU)	
<b>HIST 1110 (BHU)</b> Foundations of Western Civilization: Modern .....	3
(formerly HIST 1050 BHU)	
<b>HIST 1500 (BHU)</b> Cultural and Economic Exchange in the Pre-Nineteenth Century World .....	3
(formerly HIST 1020 BHU)	
<b>HIST 1510 (BHU)</b> The Modern World .....	3
(formerly HIST 1030 BHU)	
<b>HIST 2210 (BHU)</b> Introduction to Folklore .....	3
(formerly HIST 1710 BHU)	
<b>HONR 1320H (BHU)</b> Civilization: Humanities .....	3
<b>PHIL 1000 (BHU)</b> Introduction to Philosophy .....	3
(formerly PHIL 1010 BHU)	
<b>PHIL 1120 (BHU)</b> Social Ethics .....	3
(formerly PHIL 2500 BHU)	
<b>PHIL 1200 (BHU)</b> Practical Logic .....	3
<b>PHIL 2400 (BHU)</b> Ethics .....	3
<b>THEA 1030 (BHU)</b> 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:

<b>USU 1350 (BLS)</b> Integrated Life Science .....	3
<b>ANTH 1020 (BLS)</b> Biological Anthropology .....	3
<b>BIOL 1010 (BLS)</b> Biology and the Citizen .....	3
<b>BIOL 1300 (BLS)</b> Of Maggots, Mites, and Men .....	3

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<b>BIOL 1610 (BLS)</b> Biology I (4 cr) <b>and</b>	
<b>BIOL 3300 (BLS)</b> General Microbiology (prereq.) (4 cr) .....	8
(formerly BIOL 1210 BLS and BIOL 3300 BLS)	
<i>(Both BIOL 1610 and 3300 must be taken. This option is available only to students majoring in Biological Engineering or Environmental Engineering.)</i>	
<b>BIOL 1620 (BLS)</b> Biology II (prereq.).....	4
(formerly BIOL 1220 BLS)	
<b>HONR 1350H (BLS)</b> Integrated Life Science.....	3
<b>NFS 1020 (BLS)</b> Science and Application of Human Nutrition.....	3
<b>PLSC 2100 (BLS)</b> Introduction to Horticulture .....	3
<b>WATS 1200 (BLS)</b> Biodiversity: Its Conservation and Future.....	3
<b>WILD 2200 (BLS)</b> 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:**

<b>USU 1360 (BPS)</b> Integrated Physical Science.....	3
<b>CHEM 1010 (BPS)</b> Introduction to Chemistry .....	3
<b>CHEM 1110 (BPS)</b> General Chemistry I.....	4
<b>CHEM 1120 (BPS)</b> General Chemistry II (prereq.).....	4
<b>CHEM 1220 (BPS)</b> Principles of Chemistry II (prereq.).....	4
<b>CLIM 2000 (BPS)</b> The Atmosphere and Weather .....	3
<b>CS 1030 (BPS)</b> Foundations of Computer Science .....	3
(formerly CS 1010 BPS)	
<b>CS 1060 (BPS)</b> Cyber Security: Threats, Analysis, and Defense .....	3
<b>GEO 1010 (BPS)</b> Introduction to Geology:	
Geology of National Parks.....	3
(formerly GEOL 1100 BPS)	
<b>GEO 1060 (BPS)</b> Introduction to Environmental Geoscience.....	3
(formerly GEOL 1200 BPS)	
<b>GEO 1110 (BPS)</b> The Dynamic Earth: Physical Geology.....	4
(formerly GEOL 1150 BPS)	
<b>GEOG 1000 (BPS)</b> Physical Geography.....	3
(formerly GEOG 1130 BPS)	
<b>HONR 1360H (BPS)</b> Integrated Physical Science .....	3
<b>PHYS 1020 (BPS)</b> Energy.....	3
(formerly PHYX 1020 BPS)	
<b>PHYS 1040 (BPS)</b> Introductory Astronomy .....	3
(formerly PHYX 1000 BPS)	
<b>PHYS 1080 (BPS)</b> Intelligent Life in the Universe.....	3
(formerly PHYX 1030 BPS)	
<b>PHYS 1100 (BPS)</b> Great Ideas in Physics .....	3
(formerly PHYX 1100 BPS)	
<b>PHYS 1200 (BPS)</b> Introduction to Physics by Hands-on Exploration ...	4
(formerly PHYX 1200 BPS)	
<b>PHYS 1800 (BPS)</b> Physics of Technology (prereq.).....	4
(formerly PHYX 1800 BPS)	
<b>PHYS 2120 (BPS)</b> The Physics of Living Systems II (prereq.) .....	4
(formerly PHYX 2120 BPS)	
<b>PHYS 2220 (BPS/QI)</b> General Physics—Science and Engineering II ...	4
(formerly PHYX 2220 BPS/QI)	
<b>SOIL 2000 (BPS)</b> 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:**

<b>USU 1340 (BSS)</b> Social Systems and Issues .....	3
<b>ANTH 1010 (BSS)</b> Cultural Anthropology .....	3
<b>ANTH 2010 (BSS)</b> Peoples of the Contemporary World.....	3
(formerly ANTH 2100 BSS)	
<b>ANTH 2030 (BSS/CI)</b> World Archaeology .....	3
(formerly ANTH 1030 BSS/CI)	
<b>ASTE 2900 (BSS)</b> Humanity in the Food Web.....	3
<b>ECON 2010 (BSS)</b> Introduction to Microeconomics (prereq.).....	3
<b>ENVS 2340 (BSS)</b> Natural Resources and Society .....	3
<b>FCHD 1010 (BSS)</b> Balancing Work and Family.....	3
<b>FCHD 1500 (BSS)</b> Human Development Across the Lifespan.....	3
<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
(formerly GEOG 1030 BSS)	
<b>GEOG 1400 (BSS)</b> Human Geography.....	3
(formerly GEOG 2030 BSS)	
<b>HONR 1340H (BSS)</b> Social Systems and Issues.....	3
<b>JCOM 1500 (BSS)</b> Introduction to Mass Communication .....	3
(formerly JCOM 1000 BSS)	
<b>JCOM 2010 (BSS)</b> Media Smarts: Making Sense of the	
Information Age .....	3
(formerly JCOM 2000 BSS)	
<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

# General Education Requirements

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## 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 this catalog and in the current *Schedule of Classes*. 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**