

# General Education

## The General Education Program

The General Education program at Idaho State University prepares students to be life-long, independent learners and active, culturally aware participants in diverse local, national, and global communities. As the foundation for all further studies, General Education promotes comprehensive literacy - including effective communication, mathematical, and technological skills; reasoning and creativity; and information literacy - and a broad knowledge base in the liberal arts.

### General Skills and Abilities

Through completing the General Education program, students will be able to:

- Communicate effectively and clearly in standard written and spoken language;
- Use mathematical language and quantitative reasoning effectively;
- Think logically, critically, and creatively; and
- Locate relevant sources and use them critically and responsibly.

## General Education Requirements: The Nine Objectives

All students must complete a minimum of 36 credits from the nine Objective areas as outlined below. All students must meet Objectives 1 through 6, Objective 9, and choose to meet either Objective 7 or 8.

### Transfer Credits

A student with transfer credits that meet a specific Objective's course requirement, but who falls no more than one credit short of meeting its credit requirement will be deemed to have satisfied the Objective (a student missing more than one credit in an Objective must complete additional coursework specific to that Objective).

If a student has satisfied all nine Objectives but does not meet the total minimum credit requirement for general education (36), the student must complete additional coursework from any of the outlined Objective areas to meet the 36 credit minimum.

## Objective 1, Written Communication:

Minimum of two (2) courses. (6 credits)

Upon completion of the courses in this category, students are able to demonstrate the following competencies:

- i. Use flexible writing process strategies to generate, develop, revise, proofread, and edit texts.
- ii. Adopt strategies and genre appropriate to the rhetorical situation.
- iii. Use inquiry-based strategies to conduct research that explores multiple and diverse ideas and perspectives, appropriate to the rhetorical context.
- iv. Use rhetorically appropriate strategies to evaluate, represent, and respond to the ideas and research of others.
- v. Address readers' biases and assumptions with well-developed evidence-based reasoning.
- vi. Use appropriate conventions for integrating, citing, and documenting source material.

- vii. Read, interpret, and communicate key concepts in writing and rhetoric.

### Courses that satisfy Objective 1:

Code	Title	Credits
ENGL 1101	Writing and Rhetoric I	3
ENGL 1101P	Writing and Rhetoric I Plus	4
ENGL 1102	Writing and Rhetoric II <sup>1</sup>	3
HONS 1101	Honors Humanities I <sup>1</sup>	3

<sup>1</sup> Must obtain a minimum grade of C- or better.

## Objective 2, Oral Communication:

Minimum of one (1) course. (3 credits minimum)

Upon completion of a course in this category, students are able to demonstrate the following competencies.

- i. Research, discover, and develop information resources and structure spoken messages to increase knowledge and understanding.
- ii. Research, discover, and develop evidence-based reasoning and persuasive appeals for ethically influencing attitudes, values, beliefs, or behaviors.
- iii. Adapt spoken messages to the diverse personal, ideological, and emotional needs of individuals, groups, or contexts.
- iv. Employ effective spoken and nonverbal behaviors that support communication goals and illustrate self-efficacy.
- v. Listen in order to effectively and critically evaluate the reasoning, evidence, and communication strategies of self and others.
  - vi. Demonstrate knowledge of key theories, perspectives, principles, and concepts in the Communication discipline, as applied to oral communication

### One course satisfies the objective:

Code	Title	Credits
COMM 1101	Fundamentals of Oral Communication	3
BIOL 1104	Oral Communication in the Sciences	3

## Objective 3, Mathematical Ways of Knowing:

Minimum of one (1) course. (3 credits)

Upon completion of a course in this category, a student is able to demonstrate the following competencies.

- i. Interpret mathematical concepts.
- ii. Represent information/data.
- iii. Use appropriate strategies/procedures when solving mathematical problems.
  - iv. Draw reasonable conclusions based on quantitative information.

### Courses that satisfy Objective 3:

Code	Title	Credits
EDMT 2270	Teaching K-8 Mathematics I	3
EDMT 2271	Teaching K-8 Mathematics II	3
MATH 1123	Math in Modern Society	3
MATH 1123P	Mathematics in Modern Society Plus	4
MATH 1127	The Language of Mathematics	3
MATH 1130	Finite Mathematics	3
MATH 1143	Precalculus I: Algebra	3
MATH 1143P	Precalculus I: Algebra Plus	5
MATH 1147	Precalculus	5
MATH 1153	Statistical Reasoning	3
MATH 1153P	Statistical Reasoning Plus	4
MATH 1160	Survey of Calculus	3
MATH 1170	Calculus I	4
MATH 2256	Structure of Arithmetic for Elementary School Teachers (Equivalent to EDMT 2270)	3
MATH 2257	Structure of Geometry and Probability for Elementary School Teachers (Equivalent to EDMT 2271)	3
MGT 2216	Business Statistics	3
RCET 1372	Calculus for Electronics	4
TGE 1140	Survey of Applied Mathematics	3

For further information about mathematics prerequisites and placement, see Placement in Mathematics (<https://coursecat.isu.edu/undergraduate/academicinformation/placementinfoenglishandmathematicscourses/>).

## Objective 4, Humanistic and Artistic Ways of Knowing:

Minimum of two (2) courses. (6 credits.) Courses must be selected from **two different categories**: Humanities, Fine Arts, or Foreign Language.

Upon completion of a course in this category, students are able to demonstrate at least five (5) of the following competencies.

- Recognize and describe humanistic, historical, or artistic works within problems and patterns of the human experience.
- Distinguish and apply methodologies, approaches, or traditions specific to the discipline.
- Differentiate formal, conceptual, and technical elements specific to the discipline.
- Analyze, evaluate, and interpret texts, objects, events, or ideas in their cultural, intellectual, or historical contexts.
- Interpret artistic or humanistic works through the creation of art, language, or performance.
- Develop critical perspectives or arguments about the subject matter, grounded in evidence-based analysis.
  - Demonstrate self-reflection, widened perspective, and respect for diverse viewpoints.

**Courses that satisfy Objective 4:**

## Humanities

Code	Title	Credits
ENGL 1115	Major Themes in Literature	3
ENGL 1126	Art of Film I	3
ENGL 1175	Literature and Ideas	3
ENGL 2215	Survey of World Mythology	3
ENGL 2257	Survey of World Literature I Beginnings through 16th Century	3
ENGL 2258	Survey of World Literature II 17th Century to Present	3
HONS 1102	Honors Humanities II	3
PHIL 1101	Introduction to Philosophy	3
PHIL 1103	Introduction to Ethics	3
TGE 1257	Applied Ethics in Technology	3

## Fine Arts

Code	Title	Credits
ART 1100	Introduction to Art	3
ART 1101	Survey of Art History I	3
ART 1102	Survey of Art History II	3
ART 2210	History and Appreciation of Photography (Equivalent to CMP 2250)	3
CMP 2250	History and Appreciation of Photography (equivalent to ART 2210)	3
DANC 1105	Survey of Dance	3
MUSI 1100	Introduction to Music	3
MUSI 1105	Survey of Rock Music	3
MUSI 1106	American Music	3
MUSI 1108	The World of Music	4
MUSI 1109	Survey of Jazz	3
THEA 1101	Survey of Theatre	3

## Foreign Languages

Code	Title	Credits
ARBC 1101	Elementary Arabic I	4
ARBC 1102	Elementary Arabic II	4
CHNS 1101	Elementary Chinese I	4
CHNS 1102	Elementary Chinese II	4
CSD 1151	American Sign Language I	4
CSD 1152	American Sign Language II	4
FREN 1101	Elementary French I	4
FREN 1102	Elementary French II	4
GERM 1101	Elementary German I	4
GERM 1102	Elementary German II	4
JAPN 1101	Elementary Japanese I	4
JAPN 1102	Elementary Japanese II	4
LANG 1101	Elementary Foreign Language I	4
LANG 1102	Elementary Foreign Language II	4
RUSS 1101	Elementary Russian I	4
RUSS 1102	Elementary Russian II	4
SHOS 1101	Elementary Shoshoni I	4
SHOS 1102	Elementary Shoshoni II	4

SPAN 1101	Elementary Spanish I	4
SPAN 1102	Elementary Spanish II	4

## Objective 5, Scientific Ways of Knowing:

Minimum of two (2) lecture courses and one (1) laboratory or field experiences. (7 credits) Courses must be selected from **two different course prefixes**.

Upon completion of a non-lab course in this category, a student is able to demonstrate competencies i-iv. A student is able to demonstrate all five competencies, i-v, upon completion of a lab course

- Apply foundational knowledge and models of a discipline in the physical or natural sciences to analyze and/or predict phenomena.
- Apply scientific reasoning to critically evaluate assertions.
- Interpret and communicate scientific information via written, spoken, and/or visual representations.
- Describe the relevance of specific scientific principles to the human experience.
  - Test a hypothesis in the laboratory or field using discipline-specific tools and techniques for observation, data collection and analysis to form a defensible conclusion.

### Courses that satisfy Objective 5:

Code	Title	Credits
ANTH 2230 & 2230L	Biological Anthropology and Biological Anthropology Lab	4
BIOL 1100	Concepts of Biology (designed for non-science, non-health related majors)	3
BIOL 1101 & 1101L	Biology I and Biology I Lab (designed for students preparing for majors in science, pre-medical fields, and health related professions) <sup>L</sup>	4
BIOL 2227 & 2227L	Human Anatomy and Physiology 1 and Human Anatomy and Physiology 1 Lab <sup>L</sup>	4
CE 1140	Environmental Sustainability and Climate	3
CHEM 1100	Concepts of Chemistry <sup>L</sup>	4
CHEM 1101	Introduction to Chemistry	3
CHEM 1101P	Introduction to Chemistry Plus	4
CHEM 1102 & CHEM 1103	Essentials of Organic and Biochemistry and Essentials of Organic and Biochemistry Laboratory <sup>L</sup>	4
CHEM 1111 & 1111L	General Chemistry I and General Chemistry I Lab <sup>L</sup>	5
CHEM 1111P & CHEM 1111L	General Chemistry I Plus and General Chemistry I Lab <sup>L</sup>	6
CHEM 1112 & 1112L	General Chemistry II and General Chemistry II Lab <sup>L</sup>	4
GEOL 1100 & 1100L	The Dynamic Earth and The Dynamic Earth Lab (this is the lab for students in Geoscience majors) <sup>L</sup>	4
GEOL 1101 & 1101L	Physical Geology and Physical Geology Lab <sup>L</sup>	4

NTD 2239	Nutrition	3
PHYS 1100	Essentials of Physics <sup>L</sup>	4
PHYS 1101 & 1101L	Elements of Physics and Elements of Physics Laboratory <sup>L</sup>	4
PHYS 1111	General Physics I	3
PHYS 1112	General Physics II	3
PHYS 1113	General Physics I Laboratory <sup>L</sup>	1
PHYS 1114	General Physics II Laboratory <sup>L</sup>	1
PHYS 1152	Descriptive Astronomy	3
PHYS 1153	Descriptive Astronomy Laboratory <sup>L</sup>	1
PHYS 2211	Engineering Physics I	4
PHYS 2212	Engineering Physics II	4
PHYS 2213	Engineering Physics I Laboratory <sup>L</sup>	1
PHYS 2214	Engineering Physics II Laboratory <sup>L</sup>	1
TGE 1160	Foundations of Physical Sciences in Applied Technology	4

L Courses with an L notation will apply to Objective 5 as a Laboratory Experience

GEOL 1115 and 1115L taken prior to Fall 2013 may also be used toward Objective 5.

## Objective 6, Social and Behavioral Ways of Knowing:

Minimum of two (2) courses. (6 credits) Courses must be selected from **two different course prefixes**.

Upon completion of a course in this category, students are able to demonstrate all five (5) of the following competencies.

- Demonstrate knowledge of the theoretical and conceptual frameworks of a particular Social Science discipline.
- Describe self and the world by examining the dynamic interaction of individuals, groups, and societies as they shape and are shaped by history, culture, institutions, and ideas.
- Utilize Social Science approaches, such as research methods, inquiry, or problem-solving, to examine the variety of perspectives about human experiences.
- Evaluate how reasoning, history, or culture informs and guides individual, civic, or global decisions.
  - Identify the impact of the similarities and differences among and between individuals, cultures, or societies across space and time.

### Courses satisfying Objective 6:

Code	Title	Credits
ANTH 1100	Discover Anthropology	3
ANTH 1102	Cultural Anthropology	3
ECON 1100	Economic Issues	3
ECON 2201	Principles of Macroeconomics	3
ECON 2202	Principles of Microeconomics	3
EDUC 1110	Education and Schooling in the U.S.	3
HIST 1101	World History I	3

HIST 1102	World History II	3
HIST 1105	Foundations of Europe	3
HIST 1106	Modern Europe	3
HIST 1111	United States History I	3
HIST 1112	United States History II	3
GLBL 2203	International Organizations Today: Conflicts and Cooperation	3
POLS 1101	American National Government	3
PSYC 1101	Introduction to Psychology	3
SOWK 1101	Introduction to Social Work and Social Welfare	3
SOC 1101	Introduction to Sociology	3
SOC 1102	Social Problems	3
TGE 1150	Applied Social Sciences in the Workplace	3

## Objective 7, Critical Thinking:

Minimum of one (1) course from either Objective 7 or Objective 8. (3 credits)

Critical Thinking is defined as the ability to think analytically, creatively, and reflectively to make informed and logical judgements, draw reasoned and meaningful conclusions, and apply ideas to new contexts. Courses satisfying this Objective must include active learning.

Upon completion of a course in this category, students are able to demonstrate the following competencies.

- Formulate/frame problems and analyze how others do so.
- Recognize and apply appropriate practices for analyzing ambiguous problems.
- Identify and apply relevant information for problem solving.
- Create, analyze, and evaluate and/or interpret diverse perspectives and solutions.
- Articulate a reasoned framework for drawing conclusions and/or recommending solutions.
- Effectively articulate the results of a thinking process.

### Courses satisfying Objective 7:

Code	Title	Credits
ANTH 1107	Nature of Language (Equivalent to ENGL 1107 and GLBL 1107)	3
CS 1181	Computer Science and Programming I	3
CS 1111	Introduction to Programming	3
CMP 2205	Argumentation	3
ENGL 1107	Nature of Language (Equivalent to ANTH 1107 and GLBL 1107)	3
GEOL 1107	Real Monsters	3
HIST 1100	History in Film	3
HIST 1118	US History and Culture	3
HIST 1120	Themes in World History	3
INFO 1181	Informatics and Programming I	3
GLBL 1107	Nature of Language (Equivalent to ANTH 1107 and ENGL 1107)	3
PHIL 2201	Introduction to Logic	3

PHIL 2250	Contemporary Moral Problems	3
PHIL 2260	Philosophy of Life and Death	3
POLS 1102	Introduction to Politics Critical Thinking and Analysis	3
SOC 2248	Critical Analysis of Social Diversity	3
THEA 2251	Fundamentals of Acting	3

## Objective 8, Information Literacy:

Minimum of one (1) course from either Objective 7 or Objective 8. (3 credits)

Information literacy is defined as the ability to recognize when information is needed and to locate, evaluate, and use information effectively. Courses satisfying this Objective must involve hands-on practice for students rather than merely the presentation of theoretical principles.

Upon completion of a course in this category, students are able to demonstrate the following competencies.

- Determine the nature and extent of the information/data needed to accomplish a specific purpose.
- Identify sources and gather information/data effectively and efficiently.
- Evaluate credibility of sources and information/data.
- Explain the economic, ethical, legal, and social issues surrounding the creation, collection, and use of information/data.
- Use information/data effectively to accomplish a specific purpose.

### Courses satisfying Objective 8:

Code	Title	Credits
ACAD 1111	Info Literacy and Inquiry: Locating, Evaluating & Integrating Information for Research	3
CMP 2203	Media Literacy	3
FIN 1115	Personal Finance	3
HIST 2291	Introduction to Research	3
INFO 1101	Digital Information Literacy	3
LLIB 1115	Introduction to Information Research	3

## Objective 9, Cultural Diversity:

Minimum of one (1) course. (3 credits)

Upon completion of a course in this category, students are able to demonstrate the following competencies.

- Identify the defining characteristics of culturally diverse communities in regional, national, or global contexts.
- Describe the influence of cultural attributes such as ability, age, class, epistemology, ethnicity, gender, language, nationality, politics, or religion inherent in different cultures or communities.
- Apply knowledge of diverse cultures to address contemporary or historical issues.

### Courses satisfying Objective 9:

Code	Title	Credits
ANTH 2201	Intermediate Shoshoni I (Equivalent to SHOS 2201)	4
ANTH 2202	Intermediate Shoshoni II (Equivalent to SHOS 2202)	4
ANTH 2212	Introduction to Folklore and Oral Tradition	3
ANTH 2237	Peoples and Cultures of the Old World	3
ANTH 2238	Peoples and Cultures of the New World	3
ANTH 2239	Latino Peoples and Cultures	3
ANTH 2258	Native American History (Equivalent to HIST 2258)	3
CHNS 2201	Intermediate Chinese I	4
CHNS 2202	Intermediate Chinese II	4
GLBL 2207	Contemporary European Culture	3
GLBL 2208	Cultures of the Spanish Speaking World	3
GLBL 2209	Cultures of East Asia	3
CE 1150	Engineering Marvels and Civilizations (Equivalent to ME 1150)	3
CSD 2210	Human Communication, Differences, and Disorders through Literature and Media	3
CSD 2256	Deaf Culture and Community	3
EDUC 2204	Families Community Culture	3
ENGL 2210	American Cultural Studies	3
GLBL 2202	The World Today: Introduction to Global Issues	3
GLBL 2270	World Regional Geography and Cultures	3
HCA 1115	Global Health Systems	3
HIST 2201	Women In U.S. History	3
HIST 2251	Latin American History and Culture	3
HIST 2252	Asian History and Culture	3
HIST 2254	Middle East History and Culture	3
HIST 2255	African History and Culture	3
HIST 2258	Native American History (Equivalent to ANTH 2258)	3
JAPN 2201	Intermediate Japanese I	4
JAPN 2202	Intermediate Japanese II	4
ME 1150	Engineering Marvels and Civilizations (Equivalent to CE 1150)	3
PHIL 2210	Introduction to Asian Philosophies	3
POLS 2231	Introduction to Comparative Politics	3
RUSS 2201	Intermediate Russian I	4
RUSS 2202	Intermediate Russian II	4
SCPY 1001	Psychology of Diversity and Learning in Schools	3
SHOS 2201	Intermediate Shoshoni I (Equivalent to ANTH 2201)	4
SHOS 2202	Intermediate Shoshoni II (Equivalent to ANTH 2202)	4
SOC 2201	Introduction to Gender and Sexuality Studies	3
SPAN 2201	Intermediate Spanish I	4

SPAN 2202	Intermediate Spanish II	4
SPAN 2221	Spanish for Heritage Speakers	4

### General Education Requirements for Career Technical Programs

Students seeking an Associate of Applied Science (A.A.S.) degree must complete a minimum of fifteen (15) credits of General Education coursework. The fifteen credits must include:

1. Written Communication (ENGL 1101 or ENGL 1101P) 3-4 credits
2. Oral Communication (COMM 1101 or BIOL 1104) 3 credits
3. Mathematical Ways of Knowing (any Objective 3 (p. 1) course) 3 credits
4. Social and Behavioral Ways of Knowing (any Objective 6 (p. 1) course) 3 credits
5. Three (3) credit hours towards any unfulfilled Objective (p. 1).

TGE 1140 (Objective 3), TGE 1257 (Objective 4), and TGE 1150 (Objective 6) are recommended if other general education courses are not required by the program. See specific program requirements.

This language follows Idaho State Board of Education Statewide General Education policies and procedures. Please visit the link below for more information.

<https://boardofed.idaho.gov/board-policies-rules/board-policies/higher-education-affairs-section-iii/iii-n-general-education/>