

# General Education

The University of Arkansas' general education program provides a rigorous liberal education developed and fostered across a student's entire educational experience. The program's curriculum prepares students for the challenges and opportunities of the 21st century by strengthening critical and ethical thinking skills, improving communication, and enhancing understanding of human and cultural diversity.

Furthermore, the general education program is designed to help students complement their major program of study with an understanding of artistic, humanistic, and scientific contexts for use throughout their lifetime as engaged global citizens.

Eleven learning outcomes reflect the six learning goals of the general education program. For each learning outcome, a series of learning indicators detail specific knowledge, skills, and attitudes to be developed in students.

## Goals

Each undergraduate major leading to a degree requires coursework that together meet the state minimum requirements (<http://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) and the university's general education learning outcomes.

The general education program is divided into six thematic goals for students:

**GOAL 1:** Strengthen written, oral, and multimodal communication abilities.

The two learning outcomes associated with this goal are for students to be able to write clear, correct, and effective prose as well as to be able to communicate with a variety of audiences in writing and speaking.

**GOAL 2:** Build core skills of quantitative literacy.

The learning outcome under this goal is for students to have the ability and habit of mind to seek quantitative information and be able to apply it, using critical reasoning and analysis to solve algebraic problems and interpret results.

**GOAL 3:** Develop a working knowledge of how scholars and artists think and act in fundamental areas of study.

The four learning outcomes under this goal are for students to articulate and apply the following:

- Concepts from the fine arts or performing arts
- Aesthetic, humane, and ethical sensibilities of the humanities
- Principles of human interactions of individuals, groups, and institutions
- Through experiment and observation, the basic principles that govern natural phenomena

**GOAL 4:** Expand diversity awareness, intercultural competency, and global learning.

The two learning outcomes for this goal are for students to learn to interact appropriately within intercultural contexts and develop familiarity with concepts of diversity in the United States.

**GOAL 5:** Demonstrate critical thinking and ethical reasoning.

The learning outcome for this goal is for students to demonstrate essential principles of critical thinking and ethical reasoning and apply them to the evaluation and construction of rational and moral arguments.

**GOAL 6:** Gain the ability to synthesize, integrate, and apply knowledge developed throughout the undergraduate years.

The learning outcome for this goal is for students to be able to reflect upon and explain how they use the skills and abilities embodied in Goals 1 through 5 in completing an integrative project during their junior or senior year.

## Goal 1

**Strengthen written, oral, and multimodal communication abilities.**

The two learning outcomes associated with this goal are for students to be able to write clear, correct, and effective prose as well as to be able to communicate with a variety of audiences in writing and speaking.

### Learning Outcome 1.1

Upon reaching this goal, students will be able to write clear, correct, and effective prose, crafted to achieve a range of purposes and address a variety of audiences, incorporating and citing sources gathered from primary (observational) or secondary (bibliographic) research.

**Learning Indicators for Learning Outcome 1.1:** To successfully achieve this outcome, students will complete these five indicators:

- Focus primarily on how to generate written texts, receiving explicit instruction in how to analyze audiences and rhetorical situations, how to follow the examples of model texts, and how to revise.
- Complete at least four substantial writing assignments and produce at least 5000 words of prose.
- Incorporate specific feedback into their writing, in order to help them revise and edit for clarity, force, and correctness.
- Critically analyze the effectiveness of written prose.
- Incorporate and cite sources gathered from primary (observational) or secondary (bibliographic) research in their writing.

**Courses:** The following courses meet the general education requirements for Learning Outcome 1.1:

Course	Additional Outcomes	State Minimum Core
ENGL 1013 or ENGL 1013H	No	English
ENGL 1023 or ENGL 1023H	No	English

### Learning Outcome 1.2

Upon reaching this goal, students will be able to communicate with a variety of audiences not only in writing but also by speaking and using a range of electronic and digital modes.

**Learning Indicators for Learning Outcome 1.2:** To successfully achieve this outcome, students will complete these five indicators:

- Engage primarily in learning how to generate written, spoken, or multi-media presentations, receiving explicit instruction in how to analyze audiences and rhetorical situations, how to follow the example of model presentations, and how to revise.
- Complete at least 12 pages of prose collected in at least three assignments or at least three oral or multi-media presentations that last a total of at least 20 minutes or some combination of written, oral, or multi-media presentations that constitute a commensurate amount of student work.
- Integrate effective content to be presented in a written, oral, or multi-media presentation that is appropriate to a specific context, audience, and purpose.
- Incorporate specific feedback into written, oral, or multi-media presentations, revising and editing them for clarity, force, and correctness.
- Incorporate and cite sources gathered from primary (observational) or secondary (bibliographic) research in written, oral, or multi-media presentations.

**Courses:** Any of the following courses will meet the general education requirements for Learning Outcome 1.2. Some majors may specify which course or courses to take:

Course	Additional Outcomes	State Minimum Core
ACOM 3143 or ACOM 3143H	No	No
AGED 3133	No	No
AGED 4003	5.1	No
ANTH 4013	3.2, 3.3, 4.1, 5.1, and 6.1	No
ARAB 4053	6.1	No
ARAB 4213	6.1	No
ARCH 4433	4.2	No
ARED 3003	No	No
ARHS 4013 or ARHS 4013H	No	No
ARHS 4413 or ARHS 4413H	No	No
ARHS 4423 or ARHS 4423H	No	No
ARHS 4563 or ARHS 4563H	No	No
ARHS 4573 or ARHS 4573H	No	No
ARHS 4613 or ARHS 4613H	No	No
ARHS 4623 or ARHS 4623H	No	No
ARHS 4633 or ARHS 4633H	No	No
ARHS 4733 or ARHS 4733H	No	No
ARHS 4753	No	No
ARHS 4763 or ARHS 4763H	No	No
ARHS 4783 or ARHS 4783H	No	No

ARHS 4853 or ARHS 4853H	No	No
ARHS 4863 or ARHS 4863H	No	No
ARHS 4873 or ARHS 4873H	No	No
ARHS 4913 or ARHS 4913H	No	No
ARHS 4923 or ARHS 4923H	No	No
ARHS 4933 or ARHS 4933H	No	No
ARHS 4983 or ARHS 4983H	No	No
ARHS 4993 or ARHS 4993H	No	No
ARTS 4993	6.1	No
CATE 4013	No	No
CATE 406X	6.1	No
CLST 3023	3.2 and 4.2	No
CLST 4003H	6.1	No
COMM 1313	5.1	No
EDST 3333	No	No
ENGL 1033 or ENGL 1033H	No	English
ENGL 3103	5.1 and 6.1	No
FREN 4033	No	No
GDES 4353	No	No
GEOS 4924	6.1	No
GERM 4213	6.1	No
HIST 4893 or HIST 4893H	6.1	No
HIST 498V or HIST 498VH	6.1	No
HRWD 3333	5.1	No
IARD 4823	5.1	No
INST 3303	No	No
INST 3503	No	No
INST 3603	No	No
INST 4003	6.1	No
INST 4603	No	No
INST 4913 or INST 4913H	6.1	No
ITAL 4123	6.1	No
ITAL 4143	6.1	No
LARC 1325	No	No
LARC 4413	No	No
MATH 4933	6.1	No
MLIT 1013 or MLIT 1013H	3.1	Fine Arts
MUHS 3703	No	No
MUHS 3713	No	No
NURS 4092	6.1	No
NURS 4112	No	No

PHIL 4983	6.1	No
PHYS 4991	6.1	No
PLSC 4153	6.1	No
PLSC 4913 or PLSC 4913H	6.1	No
PLSC 499VH	6.1	No
PSYC 4083	6.1	No
PSYC 4283	6.1	No
SEED 4063	5.1	No
SPAN 3883	No	No
STEM 2003	3.3	Social Sciences
THTR 4333	No	No

## Goal 2

### Build core skills of quantitative literacy.

The learning outcome under this goal is for students to have the ability and habit of mind to seek quantitative information and be able to apply it, using critical reasoning and analysis to solve algebraic problems and interpret results.

### Learning Outcome 2.1

Upon reaching this goal, students will have the ability and habit of mind to search out quantitative information, critique it, reflect upon it, and apply it in their public, personal, and professional lives; formulate decisions and problem solving based on critical reasoning and analysis; synthesize quantitative information from a variety of sources to solve problems and interpret results; perform and solve basic function operations, and solve algebraic problems using appropriate vocabulary.

**Learning indicators for Learning Outcome 2.1:** To successfully achieve this outcome, students will complete these five indicators:

- Employ college-level algebraic concepts and tools
- Apply these tools to other subject areas and real-life problems
- Formulate and solve quantitative problems in mathematical terms, using appropriate tools and methods
- Use mathematical computation involving integers, rational numbers, algebraic expressions, decimals, ratios, percentages, roots, and powers
- Express quantitative and logical ideas with precision, using the language and notation of mathematics

Students who receive a score of at least 60 on the University of Arkansas Math Placement Test, or a score of at least 26 on the math component of the ACT exam, or a score of at least 600 on the math component of the old SAT or 620 on the math component of the new SAT have demonstrated successful completion of the learning indicators identified for learning outcome 2.1.

**Courses:** Any of the following courses will meet the general education requirements for Learning Outcome 2.1. Some majors may specify which course to take:

Course	Additional Outcomes	State Minimum Core
MATH 1203	No	Mathematics
MATH 1313	No	Mathematics

## Goal 3

### Develop a working knowledge of how scholars and artists think and act in fundamental areas of study.

The four learning outcomes under this goal are for students to articulate and apply the following:

- Concepts from the fine arts or performing arts
- Aesthetic, humane, and ethical sensibilities of the humanities
- Principles of human interactions of individuals, groups, and institutions
- Through experiment and observation, the basic principles that govern natural phenomena

### Learning Outcome 3.1

Upon reaching this goal, students will be able to articulate and apply concepts from one of the fine or performing arts.

**Learning Indicators for Learning Outcome 3.1:** To successfully achieve this outcome, students will complete at least three of these five indicators:

- Synthesize the development over time of the fundamental concepts, principles, theories, and methods, creative practices and techniques of the visual and/or performing arts.
- Develop an understanding of how historical, social, cultural, and personal forces shape artistic communication and how the arts in turn share the diverse cultures of past and present societies.
- Respond critically to a variety of works in the arts, connecting the individual work in the creative discipline being introduced to other aspects of human thought and endeavor.
- Through written, oral, and/or graphic techniques of communication, analyze and interpret works of fine and performing arts using appropriate critical language, and identifying the visual, sensory, environmental, and psychological characteristics that they observe.
- Understand and use materials and resources available for participation in the arts in various roles.

**Courses:** The following courses are available to satisfy Learning Outcome 3.1. Some majors may specify which course to take:

Course	Additional Outcomes	State Minimum Core
ARCH 1003	4.1	Fine Arts
ARHS 1003 or ARHS 1003H	No	Fine Arts
ARHS 2913	No	No
ARHS 2923	No	No
COMM 1003 or COMM 1003H	4.2	Fine Arts
DANC 1003	3.2	Fine Arts or Humanities
ENGL 2023	3.2	Fine Arts or Humanities
LARC 1003	4.1, 4.2 and 5.1	Fine Arts
MLIT 1003 or MLIT 1003H	No	Fine Arts
MLIT 1013 or MLIT 1013H	1.2	Fine Arts
MLIT 1333	4.2	Fine Arts
PHIL 4403	No	No
THTR 1003	3.2	Fine Arts or Humanities

THTR 1013 or THTR 1013H	3.2	Fine Arts or Humanities
THTR 1223	No	No

## Learning Outcome 3.2

Upon reaching this goal, students will be able to articulate a minimum of three vital concepts of aesthetic, humane, and ethical sensibilities embodied in the humanities.

**Learning Indicators for Learning Outcome 3.2:** To successfully achieve this outcome, students will complete at least three of these five Indicators:

- Identify fundamental concepts, structures, themes, and principles of the discipline being introduced
- Analyze texts and other created artifacts using theories and methods of the discipline
- Produce a reasonable short essay about the material introduced in the course
- Interpret texts and other created artifacts within multiple historical, intellectual, and cultural contexts
- Draw connections among cultural achievements of various groups of people of different ethnicities, religious backgrounds, racial origins, and sexual identities

**Courses:** The following courses are available to satisfy Learning Outcome 3.2. Some majors may specify which course to take:

Course	Additional Outcomes	State Minimum Core
AAST 2023	4.2	Humanities
ANTH 1033	4.1	Humanities
ANTH 4013	1.2, 3.3, 4.1, 5.1 and 6.1	No
ARAB 2013	4.1	Humanities
ARAB 2016 or ARAB 2016H	4.1	Humanities
ARCH 1013	4.2	Humanities
CLST 1003 or CLST 1003H	4.1 and 5.1	Humanities
CLST 1013	4.1 and 5.1	Humanities
CLST 3013 or CLST 3013H	4.1	No
CLST 3023	1.2 and 4.2	No
COMM 1233	4.2	Humanities
DANC 1003	3.1	Fine Arts or Humanities
ENGL 1213	No	Humanities
ENGL 2023	3.1	Fine Arts or Humanities
FREN 2003	4.1	Humanities
GNST 2003 or GNST 2003H	4.2	Humanities
GREK 2003	4.1	Humanities
HIST 1113 or HIST 1113H	3.3 and 4.1	Humanities or Social Sciences
HIST 1123 or HIST 1123H	3.3 and 4.1	Humanities or Social Sciences
HIST 2003	3.3 and 4.2	Humanities, Social Sciences or U.S. History/Government

HIST 2013	3.3 and 4.2	Humanities, Social Sciences or U.S. History/Government
HUMN 1124H	4.1 and 5.1	Humanities
HUMN 2213	4.1	Humanities
ITAL 2003	4.1	Humanities
ITAL 2113	4.1	Humanities
LALS 2013	4.1 and 4.2	Humanities
LATN 2003	4.1	Humanities
MRST 2013	No	Humanities
MUSY 2003 or MUSY 2003H	4.1	Humanities
PHIL 2003, PHIL 2003C or PHIL 2003H	5.1	Humanities
PHIL 2103 or PHIL 2103C	5.1	Humanities
PHIL 2303	No	Humanities
SEED 4103	No	No
SEED 4203	No	No
SEED 4443	No	No
SPAN 2003	4.1	Humanities
THTR 1003	3.1	Fine Arts or Humanities
THTR 1013 or THTR 1013H	3.1	Fine Arts or Humanities
WLIT 1113	4.1	Humanities
WLIT 1123	4.1	Humanities

## Learning Outcome 3.3

Upon reaching this goal, students will be able to articulate and use the basic principles of human interactions — of individuals, groups, and institutions — in a variety of contexts.

**Learning Indicators for Learning Outcome 3.3:** To successfully achieve this outcome, students will complete at least three of these five indicators:

- Articulate the key concepts, principles, and overarching themes to a social science discipline.
- Apply social scientific reasoning and techniques.
- Analyze theories, data, and methods of a social science discipline to explain individual, group, and institutional interactions.
- Apply critical thinking and use scientific reasoning to evaluate claims about the social world.
- Integrate and use evidence-based theories to explain various types of human interaction through written and oral communication.

**Courses:** The following courses are available to satisfy Learning Outcome 3.3. Some majors may specify which courses to take:

Course	Additional Outcomes	State Minimum Core
AGEC 1103 or AGEC 1103H	No	Social Sciences
AGEC 2103 or AGEC 2103H	No	Social Sciences
AGLE 3153	No	No
ANTH 1023	4.1	Social Sciences

ANTH 4013	1.2, 3.2, 4.1, 5.1 and 6.1	No
CIED 2083	No	No
COMM 1023 or COMM 1023H	4.1	Social Sciences
ECON 2013	No	Social Sciences
ECON 2023	No	Social Sciences
ECON 2143	No	Social Sciences
EDST 2003	No	Social Sciences
ENGL 2173	No	No
HDFS 1403 or HDFS 1403H	4.1, 4.2 and 5.1	Social Sciences
HDFS 2413	4.1 and 4.2	Social Sciences
HDFS 2603	4.2 and 5.1	Social Sciences
HIST 1113 or HIST 1113H	3.2 and 4.1	Humanities or Social Sciences
HIST 1123 or HIST 1123H	3.2 and 4.1	Humanities or Social Sciences
HIST 2003	3.2 and 4.2	Humanities, Social Sciences or U.S. History/Government
HIST 2013	3.2 and 4.2	Humanities, Social Sciences or U.S. History/Government
HIST 2093	4.1 and 5.1	Social Sciences
HUMN 1114H	4.1 and 5.1	Social Sciences
HUMN 2114H	4.1 and 5.1	Fine Arts or Social Sciences
INST 2813 or INST 2813H	4.1 and 5.1	Social Sciences
PLSC 2003	4.2	Social Sciences or U.S. History/Government
PLSC 2013	4.1	Social Sciences
PLSC 2203	No	Social Sciences
PLSC 2813 or PLSC 2813H	4.1 and 5.1	Social Sciences
PSYC 2003	No	Social Sciences
RESM 2853 or RESM 2853H	4.1	Social Sciences
SOCI 2013 or SOCI 2013H	4.1 and 4.2	Social Sciences
SOCI 2033	4.1 and 4.2	Social Sciences
STEM 2003	1.2	Social Sciences

### Learning Outcome 3.4

Upon reaching this goal, students will be able to articulate and use, through experiment and observation, the basic principles that govern natural phenomena.

**Learning Indicators for Outcome 3.4:** To successfully achieve this outcome, students will complete at least three of these five indicators:

- Identify the fundamental concept(s) unifying a scientific discipline
- Apply the principles of scientific theory and technique
- Evaluate the credibility and use of scientific information
- Make evidence-based arguments to support conclusions

- Integrate and organize information, concepts, and applications relevant in more than one scientific discipline

**Courses:** The following courses with corequisite laboratories are available to satisfy Learning Outcome 3.4. Some majors may specify which courses to take:

Course	Additional Outcomes	State Minimum Core
ANTH 1013/ ANTH 1011L	4.2	Science
ASTR 2003/ ASTR 2001L	No	Science
BIOL 1524	No	Science
BIOL 1543/BIOL 1541L	No	Science
BIOL 1584	No	Science
BIOL 1603/BIOL 1601L	No	Science
BIOL 1613/BIOL 1611L	No	Science
BIOL 2213/BIOL 2211L	No	Science
BIOL 2443/BIOL 2441L	No	Science
CHEM 1053/ CHEM 1051L	No	Science
CHEM 1073/ CHEM 1071L	No	Science
CHEM 1103/ CHEM 1101L	No	Science
CHEM 1123/ CHEM 1121L	No	Science
CHEM 1223/ CHEM 1221L	No	Science
ENSC 1003/ ENSC 1001L	5.1	Science
ENSC 1003H	5.1	Science
ENTO 1023/ ENTO 1021L	No	Science
GEOS 1113/ GEOS 1111L	No	Science
GEOS 1133/ GEOS 1131L	No	Science
GEOS 1154	No	Science
PHYS 1023/ PHYS 1021L	No	Science
PHYS 1034	No	Science
PHYS 1044	No	Science
PHYS 1054	No	Science
PHYS 2013/ PHYS 2011L	No	Science
PHYS 2033/ PHYS 2031L	No	Science
PHYS 2054 or PHYS 2054H	No	Science
PHYS 2074 or PHYS 2074H	No	Science

### Goal 4

**Expand diversity awareness, intercultural competency, and global learning.**

The two learning outcomes for this goal are for students to learn to interact appropriately within intercultural contexts and develop familiarity with concepts of diversity in the United States.

## Learning Outcome 4.1

Upon reaching this goal, students will have developed knowledge and abilities to interact appropriately within intercultural contexts and engaging with complex global systems and issues.

**Learning Indicators for Learning Outcome 4.1:** To successfully achieve this outcome, students will complete at least three of these five indicators:

- Examine and interpret an intercultural experience from both one's own and another's worldview.
- Articulate the essential tenets of a cultural worldview other than one's own through an analysis of its components, including but not limited to history, values, communication styles, politics, economy, and beliefs and practices.
- Identify and participate in cultural differences in verbal and nonverbal communication.
- Identify and analyze significant global challenges and opportunities in the human and natural world.
- Identify and analyze the historical and/or contemporary interrelationships among multiple global cultures.

**Courses:** The following courses are available to satisfy Learning Outcome 4.1. Some majors may specify which course to take:

Course	Additional Outcomes	State Minimum Core
AGEC 2303	No	No
AMPD 1013	No	No
ANSC 4662	No	No
ANTH 1023	3.3	Social Sciences
ANTH 1033	3.2	Humanities
ANTH 4013	1.2, 3.2, 3.3, 5.1 and 6.1	No
ARAB 2013	3.2	Humanities
ARAB 2016 or ARAB 2016H	3.2	Humanities
ARCH 1003	3.1	Fine Arts
ARCH 1222	No	No
CATE 3103	4.2 and 5.1	No
CDIS 3253	4.2 and 6.1	No
CIED 4403	No	No
CLST 1003 or CLST 1003H	3.2 and 5.1	Humanities
CLST 1013	3.2 and 5.1	Humanities
CLST 3013 or CLST 3013H	3.2	No
COMM 1023 or COMM 1023H	3.3	Social Sciences
ECON 3843	No	No
ECON 3853	No	No
EDST 3203	No	No
ENGL 3223	No	No
EXSC 2733	No	No
EXSC 4833 or EXSC 4833H	No	No

FREN 2003	3.2	Humanities
GEOS 2003 or GEOS 2003H	No	Social Sciences
GERM 2003	No	Humanities
GREK 2003	3.2	Humanities
HDFS 1403 or HDFS 1403H	3.3, 4.2 and 5.1	Social Sciences
HDFS 2413	3.3 and 4.2	Social Sciences
HDFS 2493	4.2	No
HIST 1113 or HIST 1113H	3.2 and 3.3	Humanities or Social Sciences
HIST 1123 or HIST 1123H	3.2 and 3.3	Humanities or Social Sciences
HIST 2093	3.3 and 5.1	Social Sciences
HORT 1103	4.2	No
HRDE 4133	No	No
HUMN 1114H	3.3 and 5.1	Social Sciences
HUMN 1124H	3.2 and 5.1	Humanities
HUMN 2114H	3.3 and 5.1	Fine Arts or Social Sciences
HUMN 2213	3.2	Humanities
IARD 3815	6.1	No
INST 2813 or INST 2813H	3.3 and 5.1	Social Sciences
ITAL 2003	3.2	Humanities
ITAL 2113	3.2	Humanities
LALS 2013	3.2 and 4.2	Humanities
LARC 1003	3.1, 4.2 and 5.1	Fine Arts
LARC 4123	No	No
LATN 2003	3.2	Humanities
MUSY 2003 or MUSY 2003H	3.2	Humanities
NURS 2032	No	No
NURS 4023	No	No
PBHL 4643 or PBHL 4643H	4.2	No
PHED 3623	No	No
PHIL 3113	No	No
PHIL 4113	4.2	No
PLSC 2013	3.3	Social Sciences
PLSC 2813 or PLSC 2813H	3.3 and 5.1	Social Sciences
RESM 2853 or RESM 2853H	3.3	Social Sciences
SCWK 3193	4.2	No
SOCI 2013 or SOCI 2013H	3.3 and 4.2	Social Sciences
SOCI 2033	3.3 and 4.2	Social Sciences
SPAN 2003	3.2	Humanities
THTR 4953	No	No
WLIT 1113	3.2	Humanities
WLIT 1123	3.2	Humanities



## Learning Outcome 4.2

Upon reaching this goal, students will have developed familiarity with concepts of diversity in the United States.

**Learning Indicators for Learning Outcome 4.2:** To successfully achieve this outcome, students will complete at least three of these five indicators:

- Identify and describe examples of historical and present day issues related to diversity and inclusion in the United States.
- Explain the historical and/or contemporary construction of difference through analysis of power structures, privilege, and explicit or implicit prejudice, and their roles in fostering discrimination and inequalities in the United States, whether cultural, legal, political, or social.
- Describe the advantages of inclusion by identifying and analyzing notions of inclusivity and pathways for cultivating inclusion at all levels of society, whether cultural, legal, political, or social.
- Analyze the historical and/or contemporary development of group agency and assess its role in addressing discrimination and inequalities in the United States.
- Demonstrate problem-solving and change management skills for achieving social equity.

**Courses:** The following courses are available to satisfy Learning Outcome 4.2. Some majors may specify which course to take:

Course	Additional Outcomes	State Minimum Core
AAST 2023	3.2	Humanities
AMPD 4053	No	No
ANTH 1013/ ANTH 1011L	3.4	Science
ARCH 1013	3.2	Humanities
ARCH 4433	1.2	No
CATE 3103	4.1 and 5.1	No
CDIS 3253	4.1 and 6.1	No
CLST 3023	1.2 and 3.2	No
COMM 1003 or COMM 1003H	3.1	Fine Arts
COMM 1233	3.2	Humanities
ECON 3533	No	No
GEOS 1123	No	Social Sciences
GNST 2003 or GNST 2003H	3.2	Humanities
HDFS 1403 or HDFS 1403H	3.3, 4.1 and 5.1	Social Sciences
HDFS 2413	3.3 and 4.1	Social Sciences
HDFS 2493	4.1	No
HDFS 2603	3.3 and 5.1	Social Sciences
HIST 2003	3.2 and 3.3	Humanities, Social Sciences or U.S. History/Government
HIST 2013	3.2 and 3.3	Humanities, Social Sciences or U.S. History/Government
HORT 1103	4.1	No
HRDE 4213	No	No
IARD 4813	No	No
LALS 2013	3.2 and 4.1	Humanities

LARC 1003	3.1, 4.1 and 5.1	Fine Arts
LARC 4385	No	No
MLIT 1333	3.1	Fine Arts
NURS 4063	No	No
PBHL 4643 or PBHL 4643H	4.1	No
PHIL 4113	4.1	No
PHIL 4323	No	No
PHIL 4333	No	No
PLSC 2003	3.3	Social Sciences or U.S. History/Government
SCWK 3193	4.1	No
SOCI 2013 or SOCI 2013H	3.3 and 4.1	Social Sciences
SOCI 2033	3.3 and 4.1	Social Sciences
SOCI 3193	No	No

## Goal 5

**Demonstrate critical thinking and ethical reasoning.**

### Learning Outcome 5.1

Upon reaching this goal, students will be able to demonstrate essential principles of critical thinking and ethical reasoning and apply them to the evaluation and construction of rational and moral arguments.

**Learning Indicators for Learning Outcome 5.1:** To successfully achieve this outcome, students will complete at least three of these five indicators:

- Identify and describe key concepts and principles related to critical thinking.
- Explain and contrast competing ethical theories, each of which articulates at least one principle for ethical decision-making
- Use recognized principles of critical thinking or ethical reasoning to analyze, evaluate, and respond to rational and moral argumentation presented orally and/or in writing.
- Describe key fallacies and identify them in context.
- Demonstrate the use of recognized principles of critical thinking or ethical reasoning to construct complex rational and moral arguments orally and/or in writing.

**Courses:** The following courses are available to satisfy Learning Outcome 5.1. Some majors may specify which course to take:

Course	Additional Outcomes	State Minimum Core
AGED 4003	1.2	No
AMPD 4093	No	No
ANTH 4013	1.2, 3.2, 3.3, 4.1 and 6.1	No
ARCH 4523	No	No
CATE 3103	4.1 and 4.2	No
CLST 1003 or CLST 1003H	3.2 and 4.1	Humanities
CLST 1013	3.2 and 4.1	Humanities
COMM 1313	1.2	No
DASC 2133	No	Humanities
EDST 4003 or EDST 4003H	No	No

ENGL 3103	1.2 and 6.1	No
ENSC 1003/ ENSC 1001L	3.4	Science
ENSC 1003H	3.4	Science
HDFS 1403 or HDFS 1403H	3.3, 4.1 and 4.2	Social Sciences
HDFS 2603	3.3 and 4.2	Social Sciences
HIST 1001	No	No
HIST 2093	3.3 and 4.1	Social Sciences
HRDE 3333	1.2	No
HUMN 1114H	3.3 and 4.1	Social Sciences
HUMN 1124H	3.2 and 4.1	Humanities
HUMN 2114H	3.3 and 4.1	Fine Arts or Social Sciences
IARD 4823	1.2	No
INST 2813 or INST 2813H	3.3 and 4.1	Social Sciences
LARC 1003	3.1, 4.1 and 4.2	Fine Arts
LARC 5613 or LARC 5613H	No	No
NURS 4203	No	No
PBHL 3202 or PBHL 3202H	No	No
PHIL 1003	No	No
PHIL 2003, PHIL 2003C or PHIL 2003H	3.2	Humanities
PHIL 2103 or PHIL 2103C	3.2	Humanities
PHIL 2203 or PHIL 2203C	No	Humanities
PHIL 3103	No	Humanities
PHIL 4253	No	No
PLSC 2813 or PLSC 2813H	3.3 and 4.1	Social Sciences
SEED 4063	1.2	No
SPAN 4133	6.1	No

## Goal 6

Gain the ability to synthesize, integrate, and apply knowledge developed throughout the undergraduate years.

### Learning Outcome 6.1

Upon reaching this goal, students will be able to reflect upon and explain how they use the skills and abilities embodied in Goals 1 through 5 in completing an integrative project in their major during their junior or senior year.

**Learning Indicators for Learning Outcome 6.1:** To successfully achieve this outcome, students will:

1. Produce a significant written paper, as defined by his or her major, or an equivalent project incorporating performance and/or multi-modal text and/or images
2. Explain in an additional document of at least 1,250 words the degree to which the completed assignment involves at least three of the following sets of skills and abilities:

- Written, oral, and/or multimodal communication abilities
- Quantitative literacy
- Characteristics of inquiry and action in the major and in one of the Learning Outcomes under Goal 3 besides the disciplinary area of the major
- Diversity awareness and/or intercultural competency
- Critical thinking and/or ethical reasoning

**Courses:** The following courses are available to satisfy Learning Outcome 6.1. Each major program may specify which course or courses to take:

Course	Additional Outcomes	State Minimum Core
ACOM 475V	No	No
AGEC 401V	No	No
AGEC 4041	No	No
AGED 475V	No	No
AGLE 475V	No	No
AMPD 4023	No	No
AMPD 4063	No	No
ANSC 4993	No	No
ANTH 4013	1.2, 3.2, 3.3, 4.1 and 5.1	No
ARAB 4053	1.2	No
ARAB 4213	1.2	No
ARCH 4016	No	No
ARED 4003	No	No
ARHS 4973	No	No
ARTS 4003	No	No
ARTS 4183	No	No
ARTS 4193	No	No
ARTS 4223	No	No
ARTS 4483	No	No
ARTS 4573	No	No
ARTS 4743	No	No
ARTS 4893	No	No
ARTS 4993	1.2	No
ASTM 475V	No	No
BENG 4823	No	No
BMEG 4823	No	No
CATE 406X	1.2	No
CDIS 3253	4.1 and 4.2	No
CHEG 4443 or CHEG 4443H	No	No
CIED 4143	No	No
CIED 4533 or CIED 4533H	No	No
CLST 4003H	1.2	No
CSCE 3513	No	No
CSES 3023	No	No
CSES 462V	No	No
DASC 4993 or DASC 4993H	No	No
EDST 4933	No	No



ELEG 4071 or ELEG 4071H	No	No	PLSC 4153	1.2	No
ENGL 3103	1.2 and 5.1	No	PLSC 4913 or PLSC 4913H	1.2	No
ENGL 4303	No	No	PLSC 499VH	1.2	No
ENGL 4903	No	No	POSC 402V	No	No
EXED 475V	No	No	POSC 4213	No	No
EXSC 405V	No	No	PSYC 4083	1.2	No
EXSC 4903	No	No	PSYC 4283	1.2	No
FDSC 4713	No	No	RESM 440V	No	No
FREN 4113	No	No	SCWK 4073	No	No
FREN 4223	No	No	SCWK 4422	No	No
FREN 4233	No	No	SEED 4113	No	No
FREN 4243	No	No	SEED 4213	No	No
FREN 4663	No	No	SEED 4523	No	No
GDES 4383	No	No	SEVI 3013 or SEVI 3013H	No	No
GEOS 4924	1.2	No	SPAN 4133	5.1	No
GERM 4213	1.2	No	SPED 4573	No	No
HDFS 4373	No	No	THTR 4991	No	No
HDFS 4493	No	No			
HIST 4893 or HIST 4893H	1.2	No			
HIST 498V or HIST 498VH	1.2	No			
HORT 472V	No	No			
HOSP 4663	No	No			
HOSP 4693	No	No			
HRDE 4333	No	No			
IARD 3815	4.1	No			
IDST 4013	No	No			
INEG 4924	No	No			
INST 399VH	No	No			
INST 406V	No	No			
INST 4913 or INST 4913H	1.2	No			
INST 493V or INST 493VH	No	No			
ITAL 4123	1.2	No			
ITAL 4143	1.2	No			
JOUR 4981	No	No			
LARC 4033	No	No			
LARC 4395	No	No			
MATH 4933	1.2	No			
MEEG 4192	No	No			
MUED 4031	No	No			
MUHS 4253 or MUHS 4253H	No	No			
NURS 4092	1.2	No			
NURS 4712	No	No			
NUTR 4001	No	No			
PBHL 4043	No	No			
PHED 4733	No	No			
PHIL 4983	1.2	No			
PHYS 4991	1.2	No			