

Core Area A1

Communication Skills

Learning Outcomes

6 hours

Demonstrate the ability to:

- Recognize and identify appropriate topics for presentation in writing
- Synthesize and logically arrange written presentations
- Adapt written communication to specific purposes and audiences.

Both Required:

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Core Area A2

Quantitative Skills

Learning Outcomes

3 hours

- Students demonstrate a strong foundation in college-level mathematical concepts and principles.
- Students demonstrate the ability to apply symbolic representations to model and solve real-world problems.

Choose one of the following based on major:*

MATH 1001	Quantitative Skills and Reasoning	3
MATH 1111	College Algebra	3
MATH 1113	Precalculus	4**
MATH 1634	Calculus I	4**

*Science, computer science, mathematics, mathematics education, and science education majors must take [MATH 1113](#) or higher. Nursing majors may take either [MATH 1001](#) or [MATH 1111](#). Engineering majors must take [MATH 1634](#). Business majors are urged to take either [MATH 1111](#) or [MATH 1113](#).

***Since only three hours are required here in Area A, the extra hour earned by taking this course may be used in Area F according to most degree programs, but, for certainty, the student should always check the specifics listed in the description of the degree program*

Core Area B

Institutional Options

Learning Outcomes

4-5 hours

Demonstrate the ability to:

- Adapt written and oral communication to specific rhetorical purposes and audiences.
- Identify, evaluate, and use information, language, or technology appropriate to a specific purpose.

Students must take one course from category 1, and any combination of courses to meet the total number of hours of 4 for science majors and 5 for non-science majors.

1 - Written and Oral Communication:

Courses in this area must meet both learning outcomes stated above.

One of the following is required of all majors:

Choose from the following:

ART 2000	Oral Communication and the Visual Arts	3
COMM 1110	Public Speaking	3
ENGL 2000	American Speech	3
ENGL 2050/ THEA 2050	Self-Staging: Oral Communication in Daily Life	3
FREN/GRMN/SPAN	1001 or 1002	3
PHIL 2020	Critical Thinking	3
XIDS 1004	Oral and Technological Communication	4

2 - Other Institutional Options:

Courses in this area must meet at least one of the learning outcomes stated above.

Institutional Elective, choose one of the following:

ANTH 1100	Faces of Culture	2
BUSA 1900	Surfing the Internet for Success	2
CS 1000	Practical Computing	1
CS 1020	Computers and Society	2
LIBR 1101	Academic Research and the Library	2
MUSC 1110	Survey of World Music	2
XIDS 2001	What Do You Really Know About...	1
XIDS 2002	What Do You Really Know About...	2

Core Area C

Humanities, Fine Arts, and Ethics

Learning Outcomes

6 hours

- Students will demonstrate knowledge of the foundational concepts of artistic, intellectual, or literary achievement, adapting written communication to specific purposes and audiences.
- Students will recognize and make informed judgements about the fine, literary, or performing arts from various cultures.

Choose one from each category.

Category 1: Fine Arts

XIDS 2100	Art and Ideas	3*
ART 1201	Introduction to Art	3
ART 2201	History of World Art I	3
ART 2202	History of World Art II	3
ENGL 2060	Intro to Creative Writing	3
FILM 2080	Intro to the Art of Film	3
MUSC 1100	Music Appreciation	3
MUSC 1120	Survey of Jazz, Rock, and Popular Music	3
THEA 1100	Theatre Appreciation	3

Category 2: Humanities

XIDS 2100	Arts and Ideas	3*
COMM 1154	Introduction to Mass Communications	3
ENGL 2110	World Literature	3
ENGL 2120	British Literature	3
ENGL 2130	American Literature	3
ENGL 2180	Studies in African-American Literature	3
ENGL 2190	Studies in Literature by Women	3
Foreign Language	1001, 1002, 2001, 2002	3
FORL 2200	Survey of National Literatures	3
FORL 2300	Topics in National Literatures	3
PHIL 2010	Introduction to Philosophy	3
PHIL 2030	Introduction to Ethics	3

*XIDS 2100 is listed in both categories, but it may be counted only once.

Core Area D

**Natural Sciences, Mathematics, and Technology
Learning Outcomes**

10-11 hours

Demonstrate the ability to:

- Apply scientific reasoning and methods, mathematical principles, or appropriate information technologies to explain natural phenomena or situations that arise in the real world.
- Use appropriate scientific tools and instruments to acquire data, process information, and communicate results, adapting written communication to specific purposes and audiences.

The student should consult the specific requirements listed in the description of the degree program later in this catalog and work closely with an advisor to fulfill this area of the Core.

Option I—Non-Science Majors

1. Science Courses:

Take two from the list below, at least one of which must be a lab class:

*A course listed 3+1 below may be taken without the lab component to be used as a non-lab option here.

ANTH 1105	Introduction to Physical Anthropology	3
ASTR 2313	Astronomy	3+1
BIOL 1010	Fundamentals of Biology	3+1
BIOL 1011	Biology of Human Reproduction	3
BIOL 1012	Ecology and Environmental Biology	3
BIOL 1013	Biology of AIDS and Infectious Disease	3
BIOL 1014	Nutrition	3
BIOL 1015	The Unseen World of Microorganisms	3+1
BIOL 1107	Principles of Biology I	3+1
BIOL 1108	Principles of Biology II	3+1
CHEM 1100	Introductory Chemistry	3+1
CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
CHEM 1211	Principles of Chemistry I	3+1
CHEM 1212	Principles of Chemistry II	3+1
CHEM 1230K	Accelerated Principles of Chemistry	4
GEOG 1111	Introduction to Physical Geography	3
GEOG 1112	Weather and Climate	3+1
GEOG 1113	Landform Geography	3+1
GEOG 2202	Environmental Science	3
GEOG 2553	Introduction to GIS and Mapping Sciences	3
GEOL 1121	Introductory Geosciences I: Physical Geology	3+1
GEOL 1122	Introductory Geosciences II Historical Geology	3+1
GEOL 1123	Environmental Observations	3+1
GEOL 2503	Introduction to Oceanography	3
GEOL 2553	Geology of the National Parks	3
PHYS 1111	Introductory Physics I	3+1
PHYS 1112	Introductory Physics II	3+1
PHYS 2211	Principles of Physics I	3+1
PHYS 2212	Principles of Physics II	3+1
XIDS 2201	Science Foundations	4
XIDS 2202	Environmental Studies	3

Core Curriculum

2. Mathematics, Science, and Quantitative Technology Courses:

Take any one from the list below or the list above as long as no more than two of the three courses in Area D are from the same discipline.

CS 1030	Introduction to Computer Concepts	3
CS 1300	Introduction to Computer Science	4
CS 1301	Computer Science I	4
CS 1302	Computer Science II	3
MATH 1413	Survey of Calculus	3
MATH 1634	Calculus I	4
MATH 2063	Introductory Statistics	3
MATH 2644	Calculus II	4

Option II—Science Majors

1. Laboratory Science Courses:

Take any two lab courses from the list below:

BIOL 1107	Principles of Biology I	3+1
BIOL 1108	Principles of Biology II	3+1
CHEM 1211	Principles of Chemistry I	3+1
CHEM 1212	Principles of Chemistry II	3+1
CHEM 1230K	Accelerated Principles of Chemistry	4
GEOG 1112	Weather and Climate	3+1
GEOG 1113	Landform Geography	3+1
GEOG 2553	Introduction to GIS and Mapping Sciences	3
GEOL 1121	Introductory Geosciences I: Physical Geology	3+1
GEOL 1122	Introductory Geosciences II: Historical Geology	3+1
PHYS 1111	Introductory Physics I	3+1
PHYS 1112	Introductory Physics II	3+1
PHYS 2211	Principles of Physics I	3+1
PHYS 2212	Principles of Physics II	3+1

2. Mathematics, Science and Quantitative Technology Courses:

Students may take one from either the list below or from the list above as long as no more than two courses are from the same discipline.

*A course listed 3+1 above may be taken without the lab component to be used as a non-lab option here.

Mathematics, computer science, and most science majors must take [MATH 1634](#). Engineering majors must take [MATH 2644](#).

MATH 1634	Calculus I	4
MATH 2063	Introductory Statistics	3

Option III - Nursing

1. Laboratory Science Courses:

Take one of the two-semester sequences listed below:

[CHEM 1151K](#) and [1152K](#)
[CHEM 1211](#) and [1212](#) (with labs)
[PHYS 1111](#) and [1112](#) (with labs)
[BIOL 1107](#) and [1108](#) (with labs)

2. Mathematics Science and Quantitative Technology Courses:

[MATH 2063](#)

Core Area E

Social Sciences

Learning Outcomes

12 hours

- Students will demonstrate the ability to understand the political, social, economic, or cultural dimensions of world and American history.
- Students will demonstrate that they have developed an understanding of the political and legal processes of the U.S. and Georgia, and an understanding of the terminology of political science and U.S. politics adapting written communication to specific purposes and audiences..
- Students will demonstrate knowledge of the fundamental concepts of a discipline examining the social world.

1. World History

One required from the following two:

HIST 1111	Survey of World History/ Civilization I	3
HIST 1112	Survey of World History/ Civilization II	3

2. American/Georgia History

One required from the following two:

HIST* 2111	United States History I (to 1865)	3
HIST* 2112	United States History II (since 1865)	3

3. American/Georgia Government

The following is required:

POLS 1101	American Government	3
---------------------------	---------------------	---

4. Social Science Elective Courses

One required from the following:

ANTH 1102	Introduction to Anthropology	3
ECON 2100	Economics for Everyone	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
GEOG 1013	World Geography	3
GEOG 2503	Cultural Geography	3
PHIL 2130	Intro to World Religions	3
POLS 2201	State and Local Government	3
PSYC 1101	Introduction to General Psychology	3
SOC 1101	Introduction to Sociology	3
SOC 1160	Introduction to Social Problems	3
XIDS 2300	Interdisciplinary Studies in the Social sciences	3
XIDS 2301	Introduction to Global Studies	3

*Students may exempt [HIST 2111](#) or [HIST 2112](#) by examination. If the course is exempted, however, an additional 3 hours is to be taken from Part 4 of Area E.

Core Area F

Courses applicable to the degree and major

(See Area F of specific major program) 18 hours

Students whose native language is Spanish (both those from foreign countries as well as United States Ethnic Native Speakers of Spanish) who wish to use Spanish to meet degree requirements will be required to take [SPAN 3102](#) if they do not exempt the requirement by taking the Departmental Placement test. In similar cases involving French or German, course substitution may be approved on an individual basis.

Any student who is capable of and authorized to begin studies at a sequentially higher course level than that required for the Core is exempted from the Core requirement by successful completion of the sequentially higher course. The student may or may not be awarded credit hours for the exempted course.