

General Education Requirements

Since its founding in 1876, Grove City College, committed to Christian principles, has sought to provide liberal and professional education of the highest caliber. Long recognized for its academic quality, Grove City College insists that all its graduates possess, in addition to specialized knowledge in major or professional fields, a high level of cultural literacy and communication skills. Students are required to complete forty-four (44) credit hours of general education courses with emphasis in the humanities; science, faith and technology; social sciences; quantitative and logical reasoning; laboratory sciences; and foreign language. This program of studies in a broad range of liberal arts and sciences, consistent with many national recommendations for excellence, helps to ensure that Grove City College graduates have the marks of educated persons, whatever their profession.

GENERAL EDUCATION REQUIREMENTS

	BA and BS (non-science)	BM, BS, BSEE, and BSME (science)
Humanities Core (Civilization Series)	15 hours	15 hours
Writing Requirement	3 hours	3 hours
Science, Faith and Technology	2 hours	2 hours
Foundations of the Social Sciences	3 hours	3 hours
Quantitative/Logical Reasoning	6 hours	6 hours
Natural Sciences (with laboratories)	8 hours	8 hours
Healthful Living	1 hour	1 hour
Foreign Language	<u>6 hours</u>	<u>0 hours</u>
	44 hours	38 hours

NOTE: In many cases, courses that students take to satisfy the requirements for a major will also satisfy general education requirements. For example, engineering students are already required to take more than the minimum natural science courses, and business program students already take math and statistics courses.

Each student is required to fulfill the general education and major specific requirements listed in the Grove City College *Bulletin* (the Catalog) for the year in which he/she matriculates to the College as a full-time freshman student, or in the case of a transfer student, the year he/she initially transfers to the College. If a student withdraws from the College and returns within one year, he/she may continue to follow his/her original Catalog requirements. However, if a student is away from the College for over one year, he/she must then follow the requirements listed in the Catalog year of the year of his/her return to the College. A student may choose to follow the requirements of a later Catalog, but he/she must then fulfill both the major and general education requirements outlined and required in that Catalog edition.

WRITING INTENSIVE (WI) / SPEAKING INTENSIVE (SI) / INFORMATION LITERACY (IL) STUDIES

Recognizing that an essential component of academic preparation and lifelong learning consists of the ability to locate, evaluate, and present information, the College requires all students to complete a sequence of courses that provide instruction in information literacy, writing, and speaking.

The Writing Intensive/Information Literacy (WI/IL) expectations are met through two curriculum tracks which are designed to provide a general across-the-curriculum

introduction plus additional major-specific instruction. First, a foundation is laid for all students through our general education curriculum. WRIT 101 initiates students into Information Literacy through general library, database, and internet use. Humanities 102 “Civilization and the Biblical Revelation” focuses on course specific instruction.

Building upon the general instruction received through the Civilization Series, each department provides discipline-specific instruction to its majors either within a single course or across several courses, concluding in a research paper and frequently an oral presentation. Students receive exposure to major databases, library resources, internet resources, and scholarly research techniques employed by professionals.

The Speaking Intensive (SI) component of our General Education curriculum is fulfilled through major related courses where students learn both basic and advanced public speaking skills.

CIVILIZATION SERIES

The Civilization Series, also called the “Humanities Core” (HUMA), discusses the origins, merit, and influence of history’s most decisive ideas, literary works, and artistic products in five three-credit hour courses. Students study the leading thinkers, books, and ideas in religion, philosophy, history, political science, economics, literature, art, and music. Reflecting the vision of the founders of Grove City College, these five courses encourage intellectual, moral, spiritual, and social development grounded in Christian ideas of truth, morality and freedom. Although these 15 hours in the humanities examine many different points of view and consider other nations and cultures, they emphasize America’s religious, political, and economic heritage of individual freedom and responsibility and their part in the development of Western civilization.

HUMA 102. CIVILIZATION AND THE BIBLICAL REVELATION. A study of Christian revelation and how it influenced the course of Western civilization. It focuses on key texts that are foundational for theology, cosmology, epistemology, human nature, society, and ethics. This course contains the second component of the across-the-curriculum Information Literacy (IL) requirement. The year-long course sequence of Religion 211 and 212 may substitute for this course. Similar courses taken at other institutions will transfer as elective credit and may not be used to fulfill this requirement.

Semester course, three hours.

HUMA 200. WESTERN CIVILIZATION: HISTORICAL AND INTELLECTUAL FOUNDATIONS. This course explores the intellectual, cultural, political, and religious foundations of Western Civilization from the ancient Greeks to the modern world, with special emphasis on great thinkers, crucial events, and significant ideas. Prerequisites: Writing 101 and Humanities 102. Students substituting Religion 211 and 212 for Humanities 102 must take either Religion 211 or Religion 212 as a prerequisite for this course.

Semester course, three hours.

HUMA 202. CIVILIZATION AND LITERATURE. A study of great works of literature that represent the major periods in the history of Western civilization. The course explores the nature of God and humanity, the nature of good and evil, the meaning of moral choice, the purpose of life, and the meaning of salvation.

Semester course, three hours.

HUMA 301. CIVILIZATION AND THE ARTS. An examination of outstanding works of visual art and music that represent the major periods in the history of Western civilization. The course examines the nature of God, the ways people have expressed their understanding of God’s nature in the arts, the ways people have seen themselves throughout Western history, and the purpose of life.

Semester course, three hours.

HUMA 303. CHRISTIANITY AND CIVILIZATION: MODERN AND POSTMODERN CHALLENGES. An examination of the theological and philosophical underpinnings of Christianity, historical and contemporary challenges to Christianity, resources for developing Christian responses to these challenges, and the enduring relevance of the Christian vision of the good life to contemporary life, including vocation. This course is the Humanities capstone. Similar courses taken at other institutions will transfer as elective credit and may not be used to fulfill this requirement. Prerequisites: Humanities 200; and Humanities 202 or 301. *Semester course, three hours.*

WRITING REQUIREMENT

Foundations of Academic Discourse introduces students to the fundamentals of academic writing. Students explore informative, analytical, evaluative, and persuasive writing, learning how to develop their writing through the use of various rhetorical strategies. The course also introduces students to the basics of critical thinking, providing opportunities for students to discover ways in which good thinking produces good writing and how writing is itself a mode of thinking. Students develop a practical understanding of writing as a process, and they develop productive writing strategies that can be adapted to various academic and professional writing contexts. In preparation for research writing required in many other courses, this course introduces students to the fundamentals of information literacy.

WRIT 101. FOUNDATIONS OF ACADEMIC DISCOURSE. A course introducing students to the fundamentals of college composition. Topics include the writing process, rhetorical strategies, basics of critical reading and thinking, and key forms of writing such as informative, evaluative, argumentative, and synthesis. This course serves as a foundation to prepare students to succeed in other academic writing contexts. This course contains the Information Literacy (IL) requirement. *Semester course, three hours.*

STUDIES IN SCIENCE, FAITH, AND TECHNOLOGY (SSFT)

Among other things, courses in this category explore the relationship between science and religion, technology and faith, technology and ethics, the guidance which ethical analysis brings to scientific and technological endeavors, and the basic presuppositions and underpinnings of science and Christian faith. All students must take one course from the following choices:

- COMP 205 or SSFT 205—*Ethics, Faith, and the Conscious Mind*
- PHIL 243—*Science and the Human Inquiry, Design and the Person*
- SSFT 210—*Science and Religion*
- SSFT 212—*Science, Faith, and Technology*

Most Arts and Letters majors, as well as Mathematics and Computer Science majors should complete the SSFT requirement by the end of the sophomore year. Biology, Chemistry, Physics, engineering and Entrepreneurship majors should complete the SSFT requirement by the end of the junior year.

COMP 205 / SSFT 205. ETHICS, FAITH, AND THE CONSCIOUS MIND. This course focuses on three components of ethics, faith, and philosophy from a computer science perspective. First, it examines the Christian theological and philosophical foundations of science and the ethical role of computer science in areas such as globalization, autonomous systems, and intellectual property. Second, it considers perspectives on the origins, nature, and future of human cognition and consciousness, including intersections of artificial intelligence and consciousness. Third, it reviews ethical systems, cyberethical professional

codes, ethical problem-solving techniques, and specific ethical cases, again from a computer science perspective and building on an informed Christian response to technology. Students may only receive credit for one of Science, Faith, & Technology 205 or Computer Science 205. Prerequisites: Humanities 102 (or Religion 211 and 212); and a lab science. The lab science may be taken concurrently with this course. *Spring semester only, three hours.*

PHIL 243. SCIENCE AND THE HUMAN: INQUIRY, DESIGN AND THE PERSON.

This course will examine historical and contemporary discussions of the nature of scientific inquiry and scientific knowledge, and related questions in the philosophy of science. It will also examine philosophical issues connected with design in nature, origins, and current technological development.

Semester course, three hours.

SSFT 210. SCIENCE AND RELIGION. A study of fundamental themes in science and religion and important issues that emerge from the science and religion interface (e.g., issues from cosmology, Darwinism and evolutionary theory, and the neurosciences). The course will provide an opportunity to study the two perspectives of science and religion and investigate ways in which these apparently separate approaches might be connected. Prerequisites: Humanities 102 (or Religion 211 and 212); and a lab science. The lab science may be taken concurrently with this course. *Semester course, two hours.*

SSFT 212. SCIENCE, FAITH, AND TECHNOLOGY. This course is designed to give a theological, philosophical, and historical rationale for why Christians do science. What science is, how and why it developed in the context of Western Christianity, and how Christians are to respond to scientific information and theory will be considered. Particular emphasis will be given to biblical and scientific perspectives on the origin of the universe, the origin of organic life, and human origins. Selected topics in modern science and technology, such as cloning, stem cell research, chimeras, cosmology, quantum physics, and artificial intelligence, will also be addressed. Prerequisites: Humanities 102 (or Religion 211 and 212); and a lab science. The lab science may be taken concurrently with this course. *Semester course, two hours.*

FOUNDATIONS OF THE SOCIAL SCIENCES

All students are required to choose one course from the following:

- Economics 120—*Foundations of Economics*
- History 120—*Foundations of History*
- History 141—*World Geography*
- History 204—*Historical and Philosophical Foundations of Education*
- Political Science 101—*Foundations of Political Science*
- Psychology 101—*Foundations of Psychological Science*
- Psychology 200—*Cross-Cultural Psychology*
- Social Work 101—*Foundations of Social Work*
- Sociology 101—*Foundations of Sociology*
- Sociology 103—*Foundations of Cultural Anthropology*

All ten foundations courses, in addition to providing overviews of their respective fields, are fashioned to give each Grove City College graduate a distinctive stamp, for they embrace a strong Christian worldview and provide a grounding in critical analysis of the questions and issues that have animated Western thought as applied to each specific field of study.

Similar courses taken at other institutions may transfer as elective credit but, in most cases, will not fulfill the Foundations requirement, with two exceptions. Courses approved to transfer as either Psychology 101 or Sociology 101 will fulfill the Foundations requirement if the student also completes, at Grove City College, one of the associated 1-credit classes listed below:

PSYC 105—*Perspectives on Psychology* (if transferring Psychology 101)

SOCI 105—*Perspectives on Sociology* (if transferring Sociology 101)

QUANTITATIVE/LOGICAL REASONING

All students are required to take a total of six hours from any of the courses listed below.

- Any courses with the MATH prefix, except MATH 110.
- One course from:
 - Management 201—*Business Statistics**
 - Mathematics 201—*Statistical Methods**
 - Psychology 201—*Statistical Methods**

**Students may not receive earned credit for more than one of these three courses.*
- One course from:
 - Computer 141—*Computer Programming I*
 - Music 103—*Music Theory I*
 - Philosophy 201—*Symbolic Logic*
 - Philosophy 211—*General Logic*

NATURAL SCIENCES (with laboratories) (SCIC)

The Natural Science requirement, which must be completed by the end of the junior year, must be fulfilled by taking eight hours of lab science courses by any one of the following methods:

- Two four-credit lab science courses offered by the Departments of Biology, Chemistry, or Physics, i.e. BIOL 101 and BIOL 102, or BIOL 101 and CHEM 101
 - Science 201; and one of Science 202, 203, or 204
 - Science 202; and one of Science 201 or 203
 - Science 203; and one of Science 201, 202, or 204
 - Science 204; and one of Science 201 or 203
 - Science 201; and a four-credit Biology (BIOL) or Chemistry (CHEM) lab course
 - Science 202; and a four-credit Chemistry (CHEM) or Physics (PHYS) lab course
 - Science 203; and a four-credit Biology (BIOL) or Physics (PHYS) lab course
 - Science 204; and a four-credit Chemistry (CHEM) or Physics (PHYS) lab course
- Note: A student may not fulfill this requirement by taking SCIC 202 and 204.*

SCIC 201. FUNDAMENTALS OF THE UNIVERSE. This course covers major ideas concerning the physical universe, including applications of those ideas, past and present. Coverage includes philosophy of science, motion, energy, electricity, light, and other selected topics and applications. *No credit will be given to students who have already received credit for Physics 101 or 121.* This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week.

Semester course, four hours.

SCIC 202. LIFE SCIENCE. This course discusses the contribution of a scientific approach to our understanding of life, with a focus on fundamental ideas and their historical development and impact on society. Topics include aspects of molecular, genetic, cellular, organismal, and population biology. *No credit will be given to students who have already*

received credit for *Biology 101*. This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week.

Semester course, four hours.

SCIC 203. ATOMS, MOLECULES AND THE MATERIAL WORLD. This course is designed to make chemistry accessible to anyone with the desire to understand the chemical world in which we live. A strong emphasis on chemical reactions as well as on the basic theoretical principles that underlie chemistry are presented. An integral part of this course is the development of problem-solving skills. *No credit will be given to students who have already received credit for Chemistry 111.* This course is designed to meet general education science requirements for liberal arts students. Three lectures and one lab per week.

Semester course, four hours.

SCIC 204. ENVIRONMENTAL SCIENCE. This course gives emphasis to a scientific approach to environmental awareness including contributions from ecology, biology, geology and chemistry. Historical worldviews that impact attitudes, ethics, and policies toward the environment will be discussed. The consequences of environmental pollution and strategies for resource management will be explored with particular attention to policies that impact future sustainability of our planet. The laboratory will include both field and lab hands-on experiences. This course is designed to meet general-education science requirements for liberal arts majors. Three lectures and one lab per week.

Semester course, four hours.

HEALTHFUL LIVING

PHYE 100 Healthful Living is a required course that all freshmen and transfer students will take in their first year at Grove City College. It is an 8-week course offered online during the fall and spring semesters. Current evidence and best practices will be presented by Grove City College's Exercise Science faculty and the Counseling Center's staff.

PHYE 100. HEALTHFUL LIVING. This course introduces students to fundamental concepts associated with healthful living throughout the lifespan in modern society. The course will focus upon the promotion of health and wellness within individuals, families, and communities through an understanding of healthful living, development of healthy lifestyles, and avoiding or overcoming harmful habits. Current research and best practices will be presented to further students' knowledge and help them to shape their own strategies for a healthy and fit future.

Semester course, online only, one hour.

FOREIGN LANGUAGE

Grove City College believes the foreign language requirement helps promote a high level of cultural literacy and communication skills that are necessary for students to be competitive in our world and to lead and serve in a global context.

All B.A. graduates and non-science B.S. graduates are required to complete at least the second-year course sequence (201-202 courses) in a foreign language. Students should plan to begin fulfillment of this requirement in the fall of their freshman year, choosing one of the following options:

1. Completing the 201-202 level courses in a modern, widely spoken foreign language such as French or Spanish.
2. Completing the 201-202 level courses in a classical written language, such as Latin (offered infrequently), New Testament Greek, and Biblical Hebrew, plus an additional six credit hours from the following international culture courses:
 - Communication Arts 225—*Intercultural Communication* or Global Studies 300—*International Manners and Mores*

- English 205—*World Literature I* or 206—*World Literature II*
- Global Studies 310—*Chicano/Latin American Literature* (taught in English)
- Music 329—*World Music: Africa and the Americas* or 330—*World Music: Asia and the Middle East*
- Political Science 341—*African Politics*, 342—*Middle Eastern Politics*, or 344—*Asian Politics*
- Psychology 200—*Cross-Cultural Psychology*
- Sociology 103—*Cultural Anthropology*
- Completing the 101-102 level course sequence in the same modern, widely spoken foreign language, such as French or Spanish.

The standard for determining the foreign language course needs for each student is based on the following:

- **Three years in high school of a modern, widely spoken language:**
Students who have studied three years of the same modern, widely spoken foreign language in high school with a "B" average or better will be exempt from further language requirements.
- **Less than three years in high school of a modern, widely spoken language:**
Students who have studied less than three years of a modern, widely spoken foreign language in high school or completed three years with less than a 'B' average will need to take the language placement exam. Exam information can be found on the Modern Language department's website. The exam will determine placement into a course in the language sequence (101, 102, 201 or 202) based on the student's knowledge and skill level. Upon successful completion of the 201 and 202 intermediate courses in the same language, the student will have met the language requirement.
- **Three years in high school of a classical language:**
Students who have studied three years of the same classical language in high school with a "B" average or better will fulfill the foreign language requirement by completing one of these options:
 - a. 6 credit hours of approved international culture courses (see list above), or
 - b. The 101-102 level course sequence in the same modern, widely spoken foreign language, such as French or Spanish, or
 - c. A score of 4 or higher on an Advanced Placement Language exam in Chinese, French, German, Italian, Japanese or Spanish.
- **Two years in high school of a classical language:**
Students who have studied the same classical language for two years in high school with a "B" average or better will fulfill the foreign language requirement by completing one of these options:
 - a. Latin 201 and 202 (offered infrequently), Greek 201 and 202, or Hebrew 201 and 202, and 6 credit hours of approved international culture courses (see list above), or
 - b. The 101-102 level course sequence in the same modern, widely spoken foreign language, such as French or Spanish, or
 - c. A score of 4 or higher on an Advanced Placement Language exam in Chinese, French, German, Italian, Japanese or Spanish.
- **Advanced Placement:**
Students who receive credit for 201 and 202 level courses in Chinese, French, German, Italian, Japanese or Spanish through an Advanced Placement foreign language exam will have met the foreign language requirement. If the student receives foreign language credit for 201 only, he/she will need to take the 202 level in that same language to meet the foreign language requirement, unless the student

has received the exemption described above. The Advanced Placement policy is published at www2.gcc.edu/registrar.

- **TOEFL:**

Students who submit a TOEFL report which indicates a native language other than English will have met the foreign language requirement.

When a student changes from a major that does not require a foreign language to one which does require it, the student will have to complete the requirement according to the above guidelines. The following majors require the completion of a 201-202 foreign language course sequence: Accounting; Biblical and Religious Studies; Business Analysis; Business Economics; Business Statistics; Christian Ministries; Communication Arts; Computer Science (BA); Design and Innovation; Economics; all Elementary, Middle Level, and Secondary Education majors; English; Entrepreneurship; Finance; History; Human Resource Management; International Business; Management; Marketing; Mathematics; Philosophy; Political Science; Psychology; Social Work; and Sociology.