

GENERAL EDUCATION CORE FORM

Course ID: _____

Course Title: _____

The general education curriculum provides the foundation for future studies by introducing students to a liberal education and providing instruction which engages both student intellect and curiosity. The University of Georgia's general education curriculum should empower the student to participate in debate and advocacy of issues critical to community, state, and nation.

I. Foundation Courses (9 hours)

Foundation courses for the general education curriculum will be characterized by verbal and quantitative competencies required in the following courses as specified by the University System Board of Regents policy:

English Composition I
English Composition II
Mathematical Modeling

The following more advanced mathematical courses may be required for certain majors:

Precalculus
Analytic Geometry and Calculus and Differential Calculus Laboratory
Calculus I for Science and Engineering

II. Sciences (7-8 hours)

Scientific reasoning will be characterized by knowledge and application competencies in scientific method, laboratory techniques, mathematical principles, and experimental design to natural phenomena. Study of the Sciences will ensure that students gain an understanding of the natural, scientific and technologically-oriented world of which they are a part, and that they be able to engage critically and ethically with future scientific innovation.

At least one of the physical science or life science courses must include a laboratory.

Physical Sciences (3-4 hours)

- Ability to understand basic scientific principles, theories, and laws as they apply to scientific disciplines
- Ability to discern the role in and impact of science on society, and to identify and properly use appropriate technologies for scientific inquiry and communication, including collecting and analyzing scientific data
- Ability to understand the physical universe and science's relationship to it, and to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena

Life Sciences (3-4 hours)

- Ability to understand basic scientific principles, theories, and laws as they apply to scientific disciplines
- Ability to discern the role in and impact of science on society, and to identify and properly use appropriate technologies for scientific inquiry and communication, including collecting and analyzing scientific data
- Ability to understand how living systems function and the relationship amongst living organisms in the environment, and to apply societal ethics to scientific inquiry in the life sciences

III. Quantitative Reasoning (3-4 hours)

Quantitative reasoning and mathematics will be characterized by knowledge and application competencies in logic, critical evaluation, analysis, synthesis generalization, modeling, and verbal, numeric, graphical, and symbolic problem solving. Study of Quantitative Reasoning will ensure that students gain an understanding of the world from multiple viewpoints, and that they be able to pursue critical analyses and argumentation to logical conclusions.

- Ability to model situations from a variety of settings in generalized mathematical forms
- Ability to express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical, and symbolic form while solving a variety of problems
- Ability to solve multiple-step problems through different modes of reasoning (inductive, deductive, and symbolic)
- Ability to properly use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations
- Ability to shift among the verbal, numeric, graphical, and symbolic modes of considering relationships
- Ability to extract quantitative data from a given situation, translate the data into information in various modes, evaluate the information, abstract essential information, make logical deductions, and arrive at reasonable conclusions
- Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe
- Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life

IV. World Languages and Culture, Humanities and the Arts (12 hours)

World Languages, Culture, Literature, and the Arts will be characterized by an understanding and appreciation of the world from different linguistic, cultural, literary, and aesthetic perspectives. Participation in Language Communities, Practicum in Service Learning, and Study Abroad Programs are highly desirable components of the learning process that will enable students to communicate successfully in an increasingly cosmopolitan society, and to engage successfully and competently with a globally connected society.

World Languages and Culture (9 hours)

- Ability to appreciate and respect commonality and diversity among people and cultures
- Ability to better understand one's own culture through the study of world cultures and different critical perspectives
- Ability to contribute to the well-being of a globally connected society
- Ability to apply linguistic skills and cultural knowledge acquired in the classroom to real-life situations
- Ability to understand that learning, especially language learning, is not a finite process, but a life-long commitment
- Ability to appreciate and pursue the common good over self-interest

Humanities and the Arts (3 hours)

- Ability to recognize the aesthetic qualities of literature and the arts as valid and meaningful expressions of the human experience
- Ability to discern the impact and role of artistic and literary production and achievement upon the formation and development of world societies
- Ability to discern the impact and role of literature and the arts upon our understanding of the human condition
- Ability to communicate with others in English, both verbally and nonverbally, in an articulate, clear, and coherent manner
- Ability to analyze and explore rhetorical, ethical, and systematic methods of inquiry

V. Social Sciences (9 hours)

Social Sciences will be characterized by knowledge and application competencies in such academic disciplines as Psychology, History, Sociology, Political Science, Economics, and other areas. Study of the Social Sciences will ensure that students gain an awareness and understanding of the complex, dynamic nature of the social, political, institutional, and economic systems that drive a culturally diverse and globally connected world.

- Ability to relate local, national, and global social policy
- Ability to identify and analyze both contemporary and historical perspectives on contemporary issues
- Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups
- Ability to relate the contributions of groups and individuals to the history of ideas and belief systems
- Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change

Faculty Member: _____

Department Head: _____

Department: _____ **Date:** _____