

## **Intellectual Foundations Program: FAU's General Education Curriculum**

FAU believes that higher education should go well beyond the preparation of individuals for demanding careers in their chosen fields. It should also provide broad intellectual enrichment through systematic exposure to a d bits of thought, e ing effectively the social, political, and economic no other time in history has a well-rounded, usef ul than in the world of rapid technological which we now live. Thus, the mission of a duce graduates who can intelligently analyze ideas, and adapt to change through the self-

Consequently, the FAU general education curriculum is a carefully devised program that draws on many subject areas to provide and reinforce the ability to think critically;

3. The ability to communicate effectively.

Students are invited to select from a number of courses, all at the lower-division level, to complete their general education requirements. All of the courses contribute to the overall goals of the general education curriculum, thereby allowing flexibility in individual choices. Students must complete a minimum of thirty-six credit hours of general education coursework, distributed as indicated in the six categories below.

Students who enter FAU without an Associate of Arts degree from a Florida State College fulfill the University's general education curriculum requirements, as described below. This degree may be used to simultaneously satisfy a general education curriculum requirement and a major requirement of the student's major program. All course selections should be made in consultation with an advisor.

### **1. Foundations of Written Communication (6 Credit hours required; a grade of C- or higher is required in each course)**

Learning to communicate effectively is much more than the putting of thoughts and feelings into words. Writing, in particular, allows us to develop and organize our thoughts and feelings in intelligible and meaningful ways. Effective communication involves the examination of evidence, the development of ideas, and the clear expression of those ideas. Communication also involves the application of ethical standards when using words or ideas that are not one's own. Courses that fulfill this requirement are designed not only to develop students'

skills but their ability to think critically – to question habitual ways of thinking, to move beyond obvious responses, and to develop new ways to see themselves and the world around them.

Students who complete the Written Communication requirement will:

demonstrate effective written communication skills by exhibiting the control of rhetorical elements that include clarity, coherence, comprehensiveness, and mechanical correctness.  
analyze, interpret and evaluate information to formulate critical conclusions and arguments.  
identify and apply standards of academic integrity.

Students must choose from among the following courses:

ENC 1101 College Writing I (required)  
ENC 1102 College Writing II

The following courses may be substituted for ENC 1102:

ANT 1471 Cultural Difference in a Globalized Society  
ENC 1930 University Honors Seminar in Writing (for students in the UHP only)  
ENC 1939 Special Topic: College Writing  
ENC 2452 Honors Composition for Science  
HIS 2050 Writing History  
NSP 1195 Being Cared For: Reflections from Other Side of Bed

*Note: Students must take four Writing-Across-the-Curriculum (WAC) courses, two of which must be taken from the Foundations of Written Communications category.*

## **II. Foundations of Mathematics and Quantitative Reasoning (6 credit hours required)**

Mathematics is a peculiarly human endeavor that attempts to org

Students must take two of the following courses, one of which must be from group A. The second course may be from group A or group B.

Group A

MAC 1105 College Algebra  
MAC 2311 Calculus I with Analytic Geometry  
MGF 1106 Math for the Liberal Arts 1  
MGF 1107 Math for the Liberal Arts 2  
STA 2023 Introductory Statistics  
or any mathematics course for which one of the above courses is the direct prerequisite

Group B

MAC 1114 Trigonometry  
MAC 1140 Precalculus Algebra  
MAC 1147 Precalculus Algebra & Trigonometry (5 cr)  
MAC 2233 Methods of Calculus  
PHI 2102 Logic  
MAC 2312 Calculus with Analytic Geometry 2

**III. Foundations of Science and the Natural World (6 credit hours required)**

Scientific principles are behind what we find in nature and in natural occurrences. Scientific issues, such as those dealing with stem-cell research, cloning, and global warming, are hotly debated by policy makers.

Courses that meet this requirement share the goal of seeking to understand patterns and principles behind phenomena and occurrences, both in the inorganic world and in the living world. They typically fall within either the physical sciences (Astronomy, Physics, Chemistry, and the Earth Sciences) or the Biological sciences.

Students who satisfy the Science and the Natural World requirement will be able to:

- explain important scientific concepts, principles and paradigms.
- explain how principles of scientific inquiry and ethical standards are used to develop and investigate research questions.
- explain the limits of scientific knowledge and of how scientific knowledge changes.
- critically evaluate scientific claims, arguments and methodology.

After completion of the associated lab, the student will be able to:

- demonstrate and explain how experiments are conducted.
- analyze resulting data and draw appropriate conclusions from such data.

Students must take two of the following courses, one of which must be from group A. The second course may be from group A or group B. One of the courses must have a lab.

Group A  
AST 2002 Introduction to Astronomy

Students must take two of the following courses, one of which must be from group A. The second course may be from group A or group B.

Group A

- AMH 2020 United States History Since 1877
- ANT 2000 Introduction to Anthropology
- ECO 2013 Macroeconomics Principles
- POS 2041 Government of the United States
- PSY 1012 Introduction to Psychology
- SYG 1000 Principles of Sociology

Group B

- AMH 2010 United States History to 1877
- ECO 2023 Microeconomic Principles
- ECO 2002 Contempor 1
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GEA 2000	World Geography
INR 2002	Introduction to World Politics
LAS 2000	Intro to Caribbean & Latin American Studies
LIN 2607	Global Perspectives on Language (online course)
SOW 1005	Global Perspectives of Social Services
SYP 2450	Global Society
WOH 2012	History of Civilization I
WOH 2022	History of Civilization II

**VI. Foundations of Humanities (6 credit hours required)**

Through literature, the creative and performing arts, philosophy, and architecture, individuals and cultures interpret, express, and define their values and ideals. They also explore human potential, the human condition, and the imagination.

Students fulfilling the Humanities requirement will:

reflect critically on the human condition.

demonstrate the theory or methods behind forms of human expression.

Students must take at least one of the courses from group A. T