

## Philosophy and Requirements

The purpose of the UT Martin undergraduate educational experience is to prepare all students for the opportunities and challenges of a dynamic world. The combination of general education and major field degree requirements addresses this purpose.

Such preparation begins with a systematic introduction to a variety of ideas, concepts, methodologies, and works that have been developed by scholars and other individuals representing an array of academic areas. This preparation is completed through detailed study within a chosen major. Through this exposure to both the broad and deep dimensions of scholarly endeavor, students will graduate from the university with the ability to think critically and communicate effectively. Graduates will leave the university with a developing appreciation of the world's complexities and diversities along with the skills to meaningfully engage them.

The general education curriculum is comprised of six categories that, in combination, are designed to help students develop a common base of sensitivities, knowledge, and skills. The six categories of study are: Biological and Physical Systems, Communication, Fine Arts (Aesthetics), Humanities, Mathematics, and Social and Behavioral Sciences. The general education curriculum consists of 38-39 semester credit hours with 6 credit hours in two core courses.

Each category includes a set of required courses and/or a listing of course options that achieve the curriculum goals. The options allow flexibility to accommodate the programmatic needs associated with particular major fields of study and the individual interests of each student.

Students should consult with their respective academic advisers to determine which combination of courses from the General Education Curriculum best meets their individual needs and the graduation requirements for their major.

## Categories of Study: Curriculum Goals and Requirements

### Biological and Physical Systems

#### **Credit Hours Required: 8**

**Curriculum Goals:** The purpose of the Biological and Physical Systems awareness requirement is to help students gain a better awareness and understanding of the natural sciences. Students will learn to analyze problems using a scientific approach and vocabulary.

**Learning Outcomes for Biological and Physical Systems:** Students will demonstrate the ability to:

1. Use basic scientific language and processes, and be able to distinguish between scientific and non-scientific explanations.
2. Conduct an experiment to test a scientific hypothesis, collect and analyze data, and interpret results in a laboratory setting.
3. Identify unifying principles and repeatable patterns in nature, the values of natural diversity, and apply them to problems or issues of a scientific nature.
4. Analyze and discuss the impact of scientific discovery on human thought and behavior.

*All learning outcomes must be satisfied by any course(s) in this category.*

**Curriculum Requirements:** All students must successfully complete two courses from among the following:

Astronomy 201	Astronomy (4)
Astronomy 202	Astronomy (4)
Biology 110	Introductory Cell Biology and Genetics (4)
Biology 120	Introductory Plant and Animal Biology (4)

Biology 130	Principles of Biology I (4)
Biology 140	Principles of Biology II (4)
Chemistry 111	Introduction to Chemistry I: General and Inorganic Chemistry (4)
Chemistry 112	Introduction to Chemistry II: Organic and Biochemistry (4)
Chemistry 121	General Chemistry (4)
Chemistry 122	General Chemistry (4)
Geology 110	Introduction to Physical Geology (4)
Geology 120	Environmental Geology (4)
Physics 101	Physics in Everyday Life (4)
Physics 102	Physics in Everyday Life (4)
Physics 211	College Physics (4)
Physics 212	College Physics (4)
Physics 220	University Physics (4)
Physics 221	University Physics (4)
Zoology 200	Human Anatomy (4)
Zoology 201	Human Anatomy and Physiology (4)
Zoology 251	Human Anatomy and Physiology I (4)
<b>Exceptions:</b>	No exceptions for any major

### **Communication**

**Credit Hours Required: 9-10**

**Curriculum Goals:** The purpose of the Communication requirement is to prepare students to effectively communicate information, thoughts, and viewpoints through oral, written, and graphic forms of expression.

**Learning Outcomes for Communication:** Students will demonstrate the ability to:

1. Analyze and evaluate oral and/or written expression by listening and reading critically for elements that reflect an awareness of situation, audience, purpose, and diverse points of view.
2. Articulate a primary idea as a single, compelling statement and develop major points in a logical convincing manner in support of that idea.
3. Develop appropriate rhetorical patterns (i.e. narration, example, process, comparison/contrast, classification, cause/effect, definition, argumentation) and other special functions (i.e., analysis or research), while demonstrating writing and/or speaking skills from process to product.
4. Manage and coordinate basic information gathered from multiple sources.
5. Plan, organize, compose, revise, and edit written and/or oral presentations employing correct diction, syntax, usage, grammar, and mechanics.
6. Distinguish among opinions, facts, and inferences recognizing their use in evidence, analysis or persuasive strategy.
7. Use graphic support as a means of presenting information with clarity, accuracy, and precision.

*Course(s) satisfying this category must meet six (6) or more of the learning outcomes.*

**Curriculum Requirements:** All students must successfully complete each of the following courses unless noted below:

English 110 or	English Composition: Critical Thinking and Writing (4)
English 111	English Composition (3)
English 112	English Composition (3)
Communications 230	Public Speaking (3)

**Fine Arts (Aesthetics)****Credit Hours Required: 3**

**Curriculum Goals:** The purpose of the Fine Arts requirement is to help students develop an understanding of and appreciation for creative processes and expression. Students will choose their fine arts experience from a variety of aesthetics survey courses.

**Learning Outcomes for Aesthetics:** Students will demonstrate the ability to:

1. Practice the critical and analytical methodologies of the fine arts.
2. Analyze significant works of cultural and creative expression.
3. Explain the ways in which creative processes and expression throughout the ages convey the culture and values of a time and place.
4. Develop a personal aesthetic perspective.

*All learning outcomes must be satisfied by any course(s) in this category.*

**Curriculum Requirements:** All students must successfully complete one of the following courses:

Art 110	Understanding Visual Art (3)
Art History 210	The History of Art (3)
Art History 211	The History of Art (3)
Dance 110	Understanding Dance (3)
Music 111	Masterpieces of Music (3)
Music 112	Music in Our Time (3)
Theatre 110	Understanding Theatre (3)
Theatre 111	Understanding Theatre (3)

**Exceptions:** No exceptions for any major

**Humanities****Credit Hours Required: 9**

**Curriculum Goals:** The purpose of the Humanities requirement is to enhance students' cultural and historical knowledge and understanding of the aspects and contingencies that link people and their ideas. Students will learn about the values and benefits from diversity of culture, ethnicity, and gender.

**Learning Outcomes for Humanities:** Students will demonstrate the ability to:

1. Practice the critical and analytical methodologies of the humanities.
2. Analyze significant primary sources in the humanities.
3. Explain the ways in which humanistic expression reflects the culture and values of its time and place.
4. Frame a comparative context through which they can critically assess the ideas and values, forces and processes, and institutions and structures that have created the modern world.
5. Recognize and articulate the diversity of human experience across a range of historical periods and the complexities and interconnectedness of global culture and society.
6. Analyze the contributions of past cultures and societies and the patterns of continuity and change that have affected human history.

*Course(s) satisfying this category must meet four (4) or more of the learning outcomes.*

**Curriculum Requirements:** All students must successfully complete three of the following courses:

English 250	British Literary Tradition (3)
English 251	British Literary Tradition (3)
English 260	American Literary Tradition (3)
English 261	American Literary Tradition (3)
English 270	World Literature (3)
English 271	World Literature (3)
French 250	France Today: The French People and Their Culture (3)
German 250	Germany Today: The German People and Their Culture (3)
History 121	Development of World Civilization I (3)
History 122	Development of World Civilization II (3)
History 201	History of the United States I (3)
History 202	History of the United States II (3)
Honors 111	Humanity in a Global Perspective (3)
Philosophy 110	The Adventure of Ideas (3)
Philosophy 120	The Adventure of Ideas (3)
Philosophy 130	Ethics and Race (3)
Philosophy 160	Introduction to Ethics (3)
Spanish 250	Latin America Today: The Peoples and Cultures of Latin America (3)
<b>Exceptions:</b>	No exceptions for any major

### **Mathematics**

**Credit Hours Required: 3**

**Curriculum Goals:** The purpose of the Mathematics requirement is to teach students to organize, evaluate, and solve problems using both abstract and quantitative approaches.

**Learning Outcomes for Mathematics:** Students will demonstrate the ability to:

1. Build on (not replicate) the competencies gained through the study of two years of high school algebra and one year of high school geometry.
2. Use mathematics to solve problems and determine if the solutions are reasonable.
3. Use mathematics to model real world behaviors and apply mathematical concepts to the solution of real-life problems.
4. Make meaningful connections between mathematics and other disciplines.
5. Use technology for mathematical reasoning and problem solving.
6. Apply mathematical and/or basic statistical reasoning to analyze data and graphs.

*All learning outcomes must be satisfied by any course(s) in this category.*

**Curriculum Requirements:** All students must successfully complete one of the following courses.

Mathematics 130	The Nature of Mathematics (3)
Mathematics 140	College Algebra and Elementary Functions (3)
Mathematics 160	Calculus for Business and Life Sciences (3)
Mathematics 185	Precalculus (5)
Mathematics 210	Elementary Statistics and Probability (3)
Mathematics 251	Calculus I (4)
<b>Exceptions:</b>	No exceptions for any major

**Social and Behavioral Sciences****Credit Hours Required: 6**

**Curriculum Goals:** The purpose of the Social and Behavioral Sciences requirement is to help students understand human society, in relation to the interdependence among individuals, families, and societies. Students will examine human behavior and social institutions within the context of multiple contributing influences.

**Learning Outcomes for Social and Behavioral Sciences:** Students will demonstrate the ability to:

1. Recognize, describe, and explain social institutions, structures, and processes and the complexities of a diverse society.
2. Think critically about how individuals are influenced by political, geographic, economic, cultural, and family institutions in their own and other diverse cultures and explain how one's own belief system may differ from others.
3. Explore the relationship between the individual and society as it affects the personal behavior, social development and quality of life of the individual, the family and the community.
4. Examine the impact of behavioral and social scientific research on major contemporary issues and their disciplines' effects on individuals and society.
5. Using the most appropriate principles, methods, and technologies, perceptively and objectively gather, analyze, and present social and behavioral science research data, draw logical conclusions, and apply those conclusions to one's life and society.
6. Analyze and communicate the values and processes that are used to formulate theories regarding the social context of individual human behavior in the social and behavioral sciences.
7. Take ethical stands based on appropriate research in the social and behavioral sciences.

*Course(s) satisfying this category must meet four (4) or more of the learning outcomes.*

**Curriculum Requirements:** All students must successfully complete two of the following courses:

Agriculture 295	International Food and Fiber (3)
Economics 100	American Enterprise System (3)
Economics 201	Principles of Macroeconomics (3)
Economics 202	Principles of Microeconomics (3)
Engineering 100	Society and Technology (3)
Geography 151	Introduction to Regional Geography: North America, Europe, and Russia (3)
Geography 152	Introduction to Regional Geography: Asia, Africa, and Latin America (3)
Geography 202	Introduction to Cultural Geography (3)
Health 111	Principles and Concepts in Personal Health (3)
Honors 112	Humanity in a Social Perspective (3)
Interdisciplinary Studies 201	Introduction to Women's Studies (3)
Natural Resources Management 101	Wildlife, Conservation, and Environmental Issues (3)
Political Science 210	American Government and Politics (3)
Psychology 110	General Psychology (3)
Psychology 120	General Psychology (3)
Social Work 220	Understanding Human Diversity and Oppressed Populations (3)
Sociology 201	General Sociology (3)
Sociology 202	Social Problems (3)

**Exceptions:** No exceptions for any major

UT Martin is committed to recognizing successful completion of general education requirements from schools within the Tennessee Board of Regents (TBR) system. The learning outcomes for the UT Martin general education requirements incorporate many of the TBR general education goals with adaptations made as needed to accommodate differences that exist between the two sets of requirements. The following guidelines have been established to facilitate the transfer of TBR general education credits to satisfy the general education requirements at UT Martin.

If a student transfers from a TBR school to UT Martin, and that student has taken, at a TBR school, all the courses within one or more of the six TBR general education categories, and has therefore satisfied the TBR general education requirement within one or more of the categories, then that student will have satisfied the requirements for the corresponding general education categories at UT Martin. Specifically, satisfying the TBR general education category in either Communication, Mathematics, Natural Sciences, or Social/Behavioral Sciences will automatically satisfy the corresponding general education requirements in Communication, Mathematics, Biological and Physical Systems, or Social and Behavioral Sciences at UT Martin. Satisfying the TBR general education History requirement and the literature component of the Humanities and/or Fine Arts category will automatically satisfy the general education requirements in Humanities at UT Martin. Finally, satisfying the TBR general education requirement in Humanities and/or Fine Arts will automatically satisfy the general education requirements in Fine Arts (Aesthetics) at UT Martin.

## **The UT Martin First-Year Initiative (FYI)**

The UT Martin First-Year Initiative is a unique program designed to help students with their transition to college life. The first phase of the First-Year Initiative is SOAR, Summer Orientation and Registration. During SOAR, prospective students meet with academic advisers, and register for classes. Also, students and parents receive information about various student services including academic support, housing, financial aid, and student activities.

The second phase of the UT Martin First-Year Initiative involves the active participation of students in Welcome Week. Welcome Week begins prior to the start of classes in the Fall Semester. It is action-packed days where students learn more about academic and student life programs, and services available for them at UT Martin. At the beginning of Welcome Week, each student is assigned to a group of students with similar academic interests. A faculty mentor and a peer counselor (PEP Leader) lead the group during Welcome Week and throughout the First-Year Initiative. It is during these days that students begin their college transition class, General Studies 101, with their group. General Studies 101 is a two credit hour semester-long class that focuses on the strategies and skills needed to experience success in the collegiate environment.

The University strongly encourages all freshmen to enroll in the First-Year Initiative. It is the first step in living the total collegiate experience at UT Martin.

## **Facilities**

Students will find UT Martin's spacious 250-acre campus and 46 academic and support buildings and residence facilities convenient and comfortable. Residence hall facilities for 2,092 single students, as well as 256 apartments for married students and faculty members are on campus.

### **Margaret N. Perry Children's Center**

The Margaret N. Perry Children's Center provides quality care for children of UT Martin students, faculty and staff, and community members. Student-parents are given first priority, and children with special needs are included at the center. The state-of-the-art facility is licensed and provides part-day and full-day care for children six weeks to 12 years of age.