What is the Core Curriculum?

The Core Curriculum represents a strong foundation for a well-rounded education. While all UAB students must meet Core Curriculum requirements for graduation, each school or major may recommend or require students to meet the Core through specific courses appropriate to a student’s program of study. Because of these variations, students should keep in close contact with their academic advisor. Academic advisors assist students in selecting appropriate coursework to meet particular goals, including those courses appropriate to the Core Curriculum. Advisors can help students considering several majors, as well as those who are undecided about a major, to choose courses that will apply to as many areas as possible.

The Core Curriculum is designed to:

- "Provide students with the necessary skills and abilities to enable them to succeed in their major course of study during their undergraduate years."
- "Provide a wide exposure to ideas, perspectives, issues, and knowledge that lie beyond the narrow parameter of any individual major."

The Core Curriculum consists of four areas and all students must fulfill requirements in each area.

The UAB Quality Enhancement Plan (QEP) begins with a Shared Vision for a UAB Graduate, regardless of major, as an individual, who uses communication skills, has depth and breadth of knowledge, is experienced at problem solving, and is prepared for responsible citizenship. To achieve this Shared Vision, the QEP identifies three targets for enhancement—Writing, Quantitative Literacy, and Ethics and Civic Responsibility. Each core curriculum course will challenge students to utilize and strengthen their skills in these three targeted areas.

This information was taken from the UAB catalog and the UAB Quality Enhancement Plan (QEP)

AREA I English Composition (6hrs required). Students must earn a “C” or better.

Communication: Students will be able to participate effectively in the world of ideas and information.

EH 101. English Composition I- Process and final product of expository and argumentative essays. Research and documentation required on most essays. Students must receive grade of C or higher in EH 101 and 102 to complete Core Curriculum requirement in English Language. (Also see CLEP examinations and AP examinations.) Students assigned to EH 101 must be present on the first day of class to retain their place in the course. (CORE AREA I). 3 hours.

EH 102. English Composition II- Process and final product of argumentative essays. Research and documentation required on most essays. Students must receive grade of C or higher in EH 101 and EH 102 to complete Core Curriculum requirement in English Language. (Also see CLEP examinations and AP examinations.) Preq: EH 101 or equivalent. Students assigned to EH 102 must be present on the first day of class to retain their places in the course. (CORE AREA I). 3 hours.

AREA II Humanities and Fine Arts (12 hours required)

Knowledge: Students will possess a depth and breadth of knowledge sufficient for informed decision making.

A. LITERATURE (3hrs required)*

EH 216. Introduction to Literature- Short stories, novellas, poems, and plays from variety of historical periods and cultures. Emphasis on techniques of each genre. Preq: EH 102 or equivalent. (CORE AREA II). 3 hours.
EH 217. World Literature I - World Literature before 1660. Preq: EH 102 or equivalent. (CORE AREA II). 3 hours.
EH 218. World Literature II - World Literature since 1660. Preq: EH 102 or equivalent. (CORE AREA II). 3 hours.
EH 221. British and Irish Literature I - Anglo-Saxon literature to the end of the eighteenth century. Preq: EH 102 or equivalent (CORE AREA II). 3 hours.
EH 222. British and Irish Literature II - British and Irish literature from the end of eighteenth century to present. Preq: EH 102 or equivalent. (CORE AREA II). 3 hours.
EH 223. American Literature I - American literature from 1620 to 1865. Preq: EH 102 or equivalent. (CORE AREA II). 3 hours.
EH 224. American Literature II - American Literature 1865 to present. Preq: EH 102 or equivalent. (CORE AREA II). 3 hours.

B. FINE ARTS (3hrs required).
ARH 101. The Art Experience - Elements of style with emphasis on original painting and sculpture in Birmingham Museum of Art and architecture in metropolitan Birmingham. (CORE AREA II). 3 hours.
MU 120. Music Appreciation - Guided listening and class discussion covering a variety of styles. Emphasis on European concert music of the eighteenth and nineteenth centuries. 3 Hours. (CORE AREA II). 3 hours.
THR 100. Introduction to Theatre - Understanding the theatre experience through class lectures, demonstrations, discussions, and viewing live evening performances. (CORE AREA II). 3 hours.
THR 105. Introduction to Dance - Understanding the dance experience through class lectures, demonstrations, discussions and viewing performances. (CORE AREA II). 3 hours.
THR 200. Plays on Film - Understanding the major genres of drama through lectures, discussion, reading scripts and viewing performances on film. (CORE AREA II). 3 hours.

C. REMAINING HOURS (6hrs)
Choose among the following: Literature, philosophy, religious studies, speech, foreign language, art, music, theatre & dance.

Area III Natural Sciences and Mathematics (11 hrs required)

Problem Solving: Students will be able to collect and evaluate data and analyze complex issues using appropriate methods.
A. MATH (3 hrs)
*MA 102. Intermediate Algebra - Intermediate algebraic techniques, factoring and divisibility, complex fractions, negative and fractional exponents, completing squares, linear and quadratic models, equation solving, quadratic formula, verbal problems, Cartesian coordinate system, midpoint and distance formulas, graphs of linear equations. Preq: "C" or better in MA 097 or MA 098. 3 hours * (THIS CLASS IS NOT A CORE COURSE, BUT IS REQUIRED BEFORE TAKING MA 105)
MA 105. Pre-Calculus Algebra - Functions from algebraic, geometric (graphical), and numerical points of view, including polynomial, rational, logarithmic, and exponential functions; inverse functions; systems of equations and inequalities; quadratic and rational inequalities; complex and real roots of polynomials; applications and modeling, both scientific and business. Computer lab component. Preq: "C" or better in MA102 (CORE AREA III). 3 hours.
MA 106. Pre-Calculus Trigonometry - Trigonometric functions (circular functions) and their inverses, graphs, and properties; right triangle trigonometry and applications; analytical trigonometry, trigonometric identities and equations; polar coordinates, vectors, complex numbers, and DeMoivre's theorem; laws of sines and cosinesconic sections. Computer lab component. Preq: "C" or better in MA105 (CORE AREA III). 3 hours.
MA 109. Survey of Calculus - An overview of calculus and its applications for students majoring in business: limits, differentiation and integration of algebraic, logarithmic, and exponential functions; applications to business and economics; functions of several variables; partial derivatives, extrema, and multiple integration.
MA 110. Finite Mathematics- An overview of topics of finite mathematics and applications of mathematics for the liberal arts student. Topics include counting, permutations, combinations, basic probability, conditional probability, descriptive statistics, binomial and normal distributions, statistical inference, and additional selected topics. Preq: "C" or better

B. TWO NATURAL SCIENCES, EACH WITH LABORATORY EXPERIENCES (8 HRS)
Choose from Astronomy, Biology, Chemistry, Earth Science, Physics, Physical Science, Environmental Science,

Area IV History*, Social and Behavioral Sciences (12 hrs)

Citizenship: Students will be aware of contemporary issues and prepared to engage responsibly in the community.
A. HISTORY (3hrs)*
B. SOCIAL AND BEHAVIORAL SCIENCES (6hrs, not history)**
C. REMAINING HISTORY SOCIAL AND BEHAVIORAL SCIENCES (3hrs)**

HY 101. Western Civilization I- From antiquity to the rise of Early Modern Europe (CORE AREA IV). 3 hours.
HY 102. Western Civilization II- Early Modern Europe to Present (CORE AREA IV). 3 hours.
HY 103. The World Since 1945- (Also ITS 166.) Analysis of important events and political, social, and economic trends since World War II . 3 hours.
HY 104. World HY to 1600- A survey of world societies, cultures, and major civilizations from pre-historic beginnings to the early modern era. (CORE AREA IV). 3 hours.
HY 105. World History, 1600 to the Present- A survey of world societies, cultures, and major nation-states from the early modern era to the present. HY 105 may replace HY 102, but both may not be taken for credit. (CORE AREA IV). 3 hours.
HY 120. The United States to 1877- Introduction to social, political, economic, and cultural forces affecting migration of Europeans and Africans to New World, creation of American Republic, and Civil War and Reconstruction. (CORE AREA IV). 3 hours.
HY 121. The United States Since 1877- Introduction to social, political and economic forces affecting development of United States as an industrial power. Growth of United States during 20th century, increasing role of nation in world affairs, and domestic consequences of nation's superpower status. (CORE AREA IV). 3 hours.

PY 101. Introduction to Psychology- Application of scientific method to behavior. Areas of learning, motivation, perception, physiological, comparative, personality, abnormal, social, clinical, child development, and individual differences. (CORE AREA IV). 3 hours.
SOC 100. Introduction to Sociology- Collective human social behavior, its forms and consequences; group membership; social institutions, inequality and interpersonal relationships; how humans are affected by other humans. (CORE AREA IV) (CORE AREA IV). 3 hours.
ANTH 101. Introductory Cultural Anthropology- Cultures of world's peoples; ideas used to explain similarities and differences among human groups. 3 hours.

* Students must complete a 6 hr. sequence in either literature or history.
Developmental Courses

What are Developmental Courses?

Courses designed to provide a review of basic concepts needed in preparation for college-level work in Math and English. The course(s) is for 1 semester and your placement in this course(s) depend on either your ACT scores and/or scores on your placement test(s). The course(s) is required and you must pass the course before you can take the required level of either Math or English to satisfy the core curriculum requirements.

EH 091. Introduction to College English - Focuses on connections between reading and writing, as they relate to a writer's purpose and development of academic writing. Includes review of grammar, punctuation, and usage, with emphasis on editing skills and writing effective paragraphs and expository essays. Required for students who score below 20 on the English portion of the ACT or equivalent on English Placement Test. Prepares students for EH 101 - may not be used for fulfillment of any degree requirement. EH 091 classes require a weekly lab. 5 hours.

MA 098 Basic Algebra - Review of basic skills required for success in MA 102 Intermediate Algebra and/or MA 110 Finite Mathematics. It will consist of five modules on basic topics of arithmetic, algebra, and geometry. May not be used for fulfillment of any degree requirement. 3 hours.