

# THE CORE CURRICULUM

## CORE CURRICULUM REQUIREMENTS

The Core Curriculum consists of four areas, and all students must fulfill requirements in each area. Specific school restrictions for each area are listed below the description of the Core. See the appropriate section in this catalog for specific major requirements in each area.

### AREA I. WRITTEN COMPOSITION (6 HOURS)

Effective written communication skills are essential in a literate society. Requirements include six semester hours in written composition. UAB students must complete EH 101 and EH 102 with the grade of C or better.

### AREA II. HUMANITIES AND FINE ARTS (12 HOURS)

Study in the humanities addresses the ability to deal with questions of values, ethics, or aesthetics as they are represented in literature, philosophy, religion, and the arts, and is fundamental to general education. Requirements include at least 12 semester hours in humanities with a minimum of three semester hours in literature, three semester hours in the fine arts, and the remaining hours from the humanities and/or fine arts. In addition to literature, disciplines in the humanities include, but are not limited to, philosophy, religious studies, speech, foreign languages, art, music, theatre, and dance. As part of the common Core Curriculum, students must complete a six-semester hour sequence either in literature (Area II) or in history (Area IV).

The following courses satisfy Area II of the Core Curriculum:

- AAS 200.** *Introduction to African American Studies*—3 hours.
- ARH 101.** *The Art Experience*\*—3 hours.
- ARH 203.** *Ancient and Medieval Art*\*—3 hours.
- ARH 204.** *Renaissance through Modern Art*\*—3 hours.
- ARH 206.** *Survey of Asian Art*\*—3 hours.
- CM 101.** *Public Speaking*—3 hours.
- CM 105.** *Introduction to Human Communication*—3 hours.
- EH 216.** *Introduction to Literature*—3 hours.
- EH 217.** *World Literature*—3 hours.
- EH 218.** *World Literature*—3 hours.
- EH 221.** *British and Irish Literature*—3 hours
- EH 222.** *British and Irish Literature*—3 hours.
- EH 223.** *American Literature*—3 hours.
- EH 224.** *American Literature*—3 hours.
- FLL 120.** *Foreign Cultures*—3 hours.
- FLL 220.** *Foreign Literatures in English Translation*—3 hours.
- FR 101.** *Introductory French*—4 hours.
- FR 102.** *Introductory French*—4 hours.
- FR 201.** *Intermediate French I*—3 hours.
- FR 202.** *Intermediate French II*—3 hours.

- GN 101.** *Introductory German*—4 hours.
- GN 102.** *Introductory German*—4 hours.
- GN 201.** *Intermediate German I*—3 hours.
- GN 202.** *Intermediate German II*—3 hours.
- GN 204.** *Readings in German Literature*—3 hours.
- MU 120.** *Music Appreciation*\*—3 hours.
- PHL 100.** *Introduction to Philosophy*—3 hours.
- PHL 115.** *Contemporary Moral Issues*—3 hours.
- PHL 116.** *Bioethics*—3 hours.
- PHL 120.** *Practical Reasoning*—3 hours.
- PHL 125.** *Introduction to Ethics*—3 hours.
- PHL 203.** *Philosophy of Religion*—3 hours.
- SPA 101.** *Introductory Spanish*—4 hours.
- SPA 102.** *Introductory Spanish*—4 hours.
- SPA 201.** *Intermediate Spanish I*—3 hours.
- SPA 202.** *Intermediate Spanish II*—3 hours.
- THR 100.** *Introduction to the Theatre*\*—3 hours.
- THR 105.** *Introduction to Dance*\*—3 hours.
- THR 200.** *Plays on Film*\*—3 hours.

\* These courses may be counted toward the fine arts requirement in Area II.

Additional courses may have been approved since the publication of this catalog. For a complete list of courses, students should consult their advisor. Courses that fulfill Area II are also designated in the current UAB Class Schedule.

### AREA III. NATURAL SCIENCES AND MATHEMATICS (11 HOURS)

Study in the natural sciences and mathematics emphasizes the scientific method and applies quantitative or inductive reasoning. Requirements include at least 11 semester hours with at least three semester hours in mathematics at the precalculus algebra level or higher and at least eight semester hours in the natural sciences. All courses in the natural sciences must include laboratory experiences. Disciplines in the natural sciences include, but are not limited to, astronomy, biology, chemistry, geology, and physics.

The following courses satisfy Area III of the Core Curriculum:

- AST 101 and 111.** *Astronomy of the Universe and Laboratory*—4 hours.
- AST 102 and 112.** *Astronomy of Stellar Systems and Laboratory*—4 hours.
- AST 103 and 113.** *Astronomy of the Solar System and Laboratory*—4 hours.
- AST 105 and 115.** *Extraterrestrial Life and Laboratory*—4 hours.
- BY 101 and 102.** *Topics in Contemporary Biology and Laboratory*—4 hours.
- BY 111 and 112.** *Extended Topics in Contemporary Biology and Laboratory*—4 hours.

- BY 123.** *Introductory Biology*—4 hours.  
**BY 124.** *Introductory Biology*—4 hours.  
**CH 105 and 106.** *Introductory Chemistry I and Laboratory*—4 hours.  
**CH 107 and 108.** *Introductory Chemistry II and Laboratory*—4 hours.  
**CH 115 and 116.** *General Chemistry I and Laboratory*—4 hours.  
**CH 117 and 118.** *General Chemistry II and Laboratory*—4 hours.  
**ENV 108 and 109.** *Human Population and the Earth's Environment and Laboratory*—4 hours.  
**ES 101 and 102.** *Physical Geology and Laboratory*—4 hours.  
**ES 103 and 104.** *History of the Earth and Laboratory*—4 hours.  
**MA 105.** *Precalculus Algebra*—3 hours.  
**MA 106.** *Precalculus Trigonometry*—3 hours.  
**MA 107.** *Trigonometry*—4 hours.  
**MA 109.** *Survey of Calculus*—3 hours.  
**MA 110.** *Finite Mathematics*—3 hours.  
**MA 125.** *Calculus I*—4 hours.  
**MA 126.** *Calculus II*—4 hours.  
**MA 227.** *Calculus III*—4 hours.  
**MA 252.** *Introduction to Differential Equations*—3 hours.  
**MA 260.** *Introduction to Linear Algebra*—3 hours.  
**PH 201.** *College Physics I*—4 hours.  
**PH 202.** *College Physics II*—4 hours.  
**PH 221.** *General Physics I*—4 hours.  
**PH 222.** *General Physics II*—4 hours.  
**PHS 101.** *Physical Science*—4 hours.

Additional courses may have been approved since the publication of this catalog. For a complete list of courses, students should consult their advisor. Courses that fulfill Area III are also designated in the current UAB Class Schedule.

## AREA IV. HISTORY, SOCIAL, AND BEHAVIORAL SCIENCES (12 HOURS)

Study in history and the social and behavioral sciences deals primarily with the study of human behavior, social and political structures, and economics. Requirements include 12 semester hours with at least a three-semester hour course in history and at least six semester hours from among other disciplines in the social and behavioral sciences. Disciplines include, but are not limited to, anthropology, economics, geography, political science, psychology, and sociology. As part of the common Core Curriculum, students must complete a six-semester hour sequence either in literature (Area II) or in history (Area IV).

The following courses satisfy Area IV of the Core Curriculum:

- ANTH 101.** *Introductory Cultural Anthropology*—3 hours.  
**ANTH 106.** *Introductory Archaeology*—3 hours.  
**ANTH 120.** *Language and Culture*—3 hours.  
**EC 210.** *Principles of Microeconomics*—3 hours  
**EC 211.** *Principles of Macroeconomics*—3 hours  
**GEO 121.** *World Regional Geography*—3 hours.  
**HY 101.** *Western Civilization I*—3 hours.  
**HY 102.** *Western Civilization II*—3 hours

- HY 104.** *World History to 1600*—3 hours.  
**HY 105.** *World History, 1600 to present*—3 hours.  
**HY 120.** *The United States to 1877*—3 hours.  
**HY 121.** *The United States Since 1877*—3 hours.  
**ITS 101.** *Introduction to International Studies*—3 hours.  
**PSC 101.** *Introduction to American Government*—3 hours.  
**PSC 102.** *Introduction to Comparative Politics*—3 hours.  
**PSC 103.** *Introduction to International Relations*—3 hours.  
**PSC 221.** *American State and Local Government*—3 hours.  
**PY 101.** *Introduction to Psychology*—3 hours.  
**PY 212.** *Developmental Psychology*—3 hours.  
**SOC 100.** *Introduction to Sociology*—3 hours.  
**SOC 245.** *Contemporary Social Problems*—3 hours.  
**WS 100.** *Introduction to Women's Studies*—3 hours.

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## SPECIFIC CORE CURRICULUM REQUIREMENTS FOR THE SCHOOL OF BUSINESS

Students planning to complete a bachelor's degree in the School of Business must complete the following specified courses or sequences within the Core Curriculum:

**Area II:** a six-semester hour sequence in literature; one of which must be CM 101, Public Speaking

**Area III:** calculus/business calculus;

**Area IV:** a course in microeconomics, a course in macroeconomics, and one course selected from general psychology, introduction to sociology, or introduction to anthropology.

## SPECIFIC CORE CURRICULUM REQUIREMENTS FOR THE SCHOOL OF EDUCATION

Students planning to complete a bachelor's degree in the School of Education must complete the following specified courses or sequences within the Core Curriculum:

**Area II:** a three-semester hour course in public speaking;

**Area IV:** introduction to psychology.

## SPECIFIC CORE CURRICULUM REQUIREMENTS FOR THE SCHOOL OF ENGINEERING

The Core Curriculum in the School of Engineering is 36 semester hours, consisting of six semester hours in Area I, nine semester hours in Area II, 12 semester hours in Area III, and nine semester hours in Area IV. Students planning to complete a bachelor's degree in the School of Engineering must complete the following specified courses or sequences within the Core Curriculum:

**Area III:** calculus I and a sequence in calculus-based physics;

**Areas II and IV:** six semester hours in one discipline.

## **CORE CURRICULUM FOR THE SCHOOL OF HEALTH PROFESSIONS**

See the section on the Core requirements for majors in the School of Health Professions.

### **SATISFYING CORE CURRICULUM REQUIREMENTS WITH ALTERNATIVE CREDIT**

Students may satisfy certain goals of the Core Curriculum by presenting credit earned through the following: Advanced Placement (AP), International Baccalaureate (IB), College Level Examination Program (CLEP), and Credit by Examination (CBE). Students with AP, IB, or CLEP credit must have official documents sent to the Office of Student Testing, Evaluation, and Placement, 470 Hill University Center, 1400 University Boulevard, (205) 934-5503, for evaluation and acceptance before credit can be posted on the UAB transcript.

### **WHO IS REQUIRED TO FULFILL THE CORE REQUIREMENTS?**

1. First time college freshmen who have no credit for college work (excepting credit earned while still enrolled in high school);
2. Those returning UAB students or transfer students who are enrolling as a degree student after an absence from college of more than 12 months;
3. Students who enrolled for the first time in any institution of higher education in Fall 1998 or later and who subsequently transferred to the University of Alabama at Birmingham.

Any student with a valid articulation contract from an Alabama two-year school will be able to enroll under the terms of the contract. Contracts prior to Fall 1998 must have been submitted to UAB's Office of Admission according to the procedures in place at the time.

Since Fall Term 2000, all undergraduate students entering UAB have been subject to the 1998 Core Curriculum requirements.

### **SCHOOL-WIDE REQUIREMENTS**

In addition to fulfilling UAB's Core Curriculum as described above, students with majors in many schools must satisfy school-wide requirements. Please consult the appropriate school section of this catalog for these specific requirements.

