

AERO 250 Field Training (6)

Six-week training and evaluation course to select potential candidates for POC. Includes all topics in AERO 101, AERO 102, AERO 103, AERO 201, AERO 202, and AERO 203. Rigorous physical training. This course is offered at selected Air Force bases in the United States. Prereq: Permission of professor of aerospace studies. Offered: Summer only.

AERO 300 Field Training (2)

Four-week training and evaluation course to select potential candidates for POC. Rigorous physical training. This course is offered at selected Air Force bases in the United States. Prereq: Permission of professor of aerospace studies. Offered: Summer only.

AERO 301 Air Force Leadership and Management I (3)

Selected concepts, principles, and theories of Air Force leadership and management. Individual leadership skills and personal strengths and weaknesses as applied to an Air Force environment. Students should also take AERO 301 LLab. Offered: Fall only.

AERO 302 Air Force Leadership and Management II (3)

Selected Air Force officer's duties and responsibilities as a subordinate leader. Responsibility and authority of an Air Force Officer. Application of listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style. Air Force officer's responsibilities in personnel counseling and feedback process. Students should also take AERO 302 LLab. Offered: Spring only.

AERO 401 National Security Policy I (3)

Basic elements of national security policy and process. Roles and missions of air power in implementing national security policy. Students should also take AERO 401 LLab. Offered: Fall only.

AERO 402 National Security Policy II (3)

Contemporary roles for the military in society and current issues affecting the military profession. Comparative analysis of civil and military justice systems. Students should also take AERO 402 LLab. Offered: Spring only.

Army ROTC

The Army ROTC office is located on the University of Alabama at Birmingham (UAB) campus. Under the Cooperative Exchange Program and a partnership agreement, Samford University students are eligible to participate. Course credits are granted on a semester credit/hour basis. Registration for the classes should be coordinated through the student's advisor. UAB parking permits may be picked up in Samford Office of Student Records.

University Fellows Program—Core Curriculum and General Education Requirements

The University Fellows Program is limited to 45-50 students per year. Successful applicants will typically have a minimum test score of 30 on the ACT (or 1340 on the SAT-I). Likewise, candidates should have a minimum 3.75 overall high school GPA with a strong record in core academic subjects. Preference is given to applicants who have completed rigorous coursework in high school, such as Advanced Placement and International Baccalaureate Programs, as well as students who have distinguished themselves through extracurricular academic experiences. In addition to its innovative liberal arts curriculum, the University Fellows Program offers undergraduate research support and international study opportunities (including a two-week trip to Rome during the freshman summer), and provides ambitious students a chance to develop close working relationships with the very best faculty on campus.

All students in the University Fellows Program will complete a University Fellows Core Curriculum (34 hours). Additional courses in general education are also required to provide the foundation for more specialized courses in the major. In some cases the particular course required to satisfy a general education requirement is specified in the major. Students should consult the section of the catalog that describes the major under consideration to learn more about these special requirements. For more information, see the University Fellows Web site: www.samford.edu/fellows.

NOTE: The University Fellows Core Curriculum requirements cannot be met through transient enrollment.

UFWT 101 Western Intellectual Tradition I: The Heritage of Greece and Rome (4)

First in a four-semester sequence, this interdisciplinary seminar examines the classical foundations of the Western intellectual tradition. Through the works of Homer, Plato, Aristotle, Virgil, Cicero and others, students will explore how Greco-Roman conceptions of virtue, justice, and citizenship have influenced the development of Western values. Offered: Fall.

UFWT 102 Western Intellectual Tradition II: Christianity from Antiquity to the Renaissance (4)

Second in a four-semester sequence, this interdisciplinary seminar examines the contributions of Christianity to the Western intellectual tradition. Through the works of Augustine, Aquinas, Dante, Pizan, Machiavelli and others, students will understand how Christianity engaged its Greco-Roman heritage, developed its own distinct traditions, and contributed to the rise of Renaissance humanism. Prereq: UFWT 101. Offered: Spring.

UFWT 201 Western Intellectual Tradition III: Reformation, Revolution, and Enlightenment (4)

Third in a four-semester sequence, this interdisciplinary seminar examines how revolutions in faith, science, and philosophy shaped the development of the Western intellectual tradition. Through the works of Luther, Galileo, Shakespeare, Descartes, Wollstonecraft and others, students will discover how the Reformation, the Scientific Revolution, and the Enlightenment offered new ways of thinking about the nature of authority. Prereqs: UFWT 101 and UFWT 102. Offered: Fall.

UFWT 202 Western Intellectual Tradition IV: The Challenge of Modernity (4)

Fourth in a four-semester sequence, this interdisciplinary seminar examines modernity's impact on the Western intellectual tradition. Through the works of Austen, Marx, Darwin, Woolf, Nietzsche, and others, students will explore how modernity has questioned the foundational assumptions of Western thought. Discussions in this course are intended to prepare students for their study of Non-Western cultures in the junior and senior year. Prereqs: UFWT 101, 102, and 201. Offered: Spring.

UFWR 101 Writing and Rhetoric (4)

Development of advanced written and oral communication skills through the exploration of a specific seminar theme. Includes critical approaches to writing and speaking, effective research methods, strategies for the use of information technology, and ethical standards of communication. Requires extensive practice in writing and revising academic papers. Offered: Fall.

University Fellows Program General Education Curriculum

University Fellows Program General Education Required Courses	Course Credits	Total Required Credits
Global Studies (two courses)*		8
Natural & Computational Sciences (select one course)		4
BIOL 105 Principles of Biology	4	
BIOL 107 Contemporary Biology	4	
BIOL 110 Human Biology	4	
BIOL 111 Animal Biology	4	
BIOL 112 Plant Biology	4	
CHEM 108/109 General, Organic, & Biological Chem w/Lab	4	
CHEM 205/206 Foundations of Chemistry	4	
COSC 107 Introduction to Computer Science	4	
GEOG 214 Physical Geography	4	
PHYS 100 Physics for Society	4	
PHYS 101 General Physics I	4	
PHYS 102 General Physics II	4	
PHYS 150 Introduction to Astronomy	4	
PHYS 203 Physics I	5	
PHYS 204 Physics II	5	
PHYS 206 Sound and Music	4	
Mathematics		4
MATH 240 Calculus I	4	
Languages** For students without language proficiency, the normal sequence is:		4-16
FREN, GER, GREK, HEBR, LATN, or SPAN 101	4	
FREN, GER, GREK, HEBR, LATN, or SPAN 102	4	
FREN, GER, GREK, HEBR, LATN, or SPAN 201	4	
FREN, GER, GREK, HEBR, LATN, or SPAN 202	4	
Fine Arts (select two courses)‡		4
ART 200 Art Appreciation†	2	
MUSC 200 Music Appreciation††	2	
THEA 200 Theatre Appreciation†††	2	
Physical Activity***		2
Total Required Credits		26-38

* University Fellows must take two 4-credit courses in non-Western cultures. The director maintains a list of university-wide courses that meet this requirement, and students should seek approval before registering.

** Students with a higher level of proficiency may begin with the 201-202 sequence. An accelerated one-semester course is available in French and Spanish (FREN 203, SPAN 203). Arabic, Chinese, Hindi, Italian, Japanese, Portuguese, Russian, Swahili, and Thai are also available through the Critical Languages Program. For further details see the World Languages and Cultures section. Students may take one year of Greek, plus one year of Hebrew, in lieu of two years of the same language.

*** Select two different 1-credit, fitness-based activity courses. If PHED 138 Water Safety Instructor Course (2) is passed, the successful completion of UCFH 120 will fulfill the student's physical activity requirement. Note: One semester of ROTC, marching band (MUSC 1739 or 3739), or dance (DANC 101, 102, 201, 202, 301, or 302) may substitute for one physical activity credit.

NOTE: Study Abroad courses in London and other international settings may meet the general education requirement for natural and computational sciences, subject to approval by the department chair of the course equivalent.

‡ LOND 202 satisfies the Fine Arts requirement.

† ART 381W, 382W, 383W, or LOND 201 may be substituted for ART 200.

†† LOND 201 may be substituted for MUSC 200.

††† THEA 331W or LOND 200 may be substituted for THEA 200.

UCBP 101 Biblical Perspectives (4)

Examination of historical context and religious teachings of Hebrew and Christian Scriptures. Cultivation of critical competencies necessary for the academic study of traditional texts. Course objectives include an understanding of the historical context in which the Bible took shape; appreciation of the development of religious thought within the biblical period; examination of how biblical teachings have been and are interpreted and applied; and study of the Bible, using a variety of modern critical methods. Offered: Spring.

UFCL 101 Calling and Leadership I (2)

Exploration of how virtue and character are essential to the cultivation of responsible citizenship. Through a series of activities—including readings in the classical and Christian traditions, as well as roundtable discussions with the university's top administrators (the president, the provost, deans, and other academic leaders)—students will be challenged to reflect on their own calling and to prepare themselves to be professional leaders in their fields and disciplines. Offered: Fall.

UFCL 102 Calling and Leadership II (2)

Students engage in problem-based learning. Working in teams, students will explore an area of interest (the environment, education, health care, the arts, public policy, etc.), identify a problem, examine possible solutions, and propose a focused plan of action. Teams will then present their findings to university and community leaders. Offered: Spring.

UFISI 201 Scientific Inquiry: Theories and Practices (4)

Exploration of the fundamental methodological and philosophical assumptions of scientific inquiry. Through the study of ideas and theories pioneered by Aristotle, Galileo, Newton, Darwin, Einstein and others, students will investigate the nature of the scientific method, examine unifying concepts in various scientific disciplines, and consider how changing conceptions of scientific theory and practice have affected our criteria for establishing reliable knowledge. Offered: Fall.

UCFH 120 Concepts of Fitness and Health (2)

Physical fitness course, with emphasis on exercises that develop cardiorespiratory, muscular, and flexibility fitness. All aspects of fitness, such as principles of aerobic fitness, nutrition, flexibility, strength training, common fitness injuries, and weight control and body composition are discussed and applied. Students with physical disabilities may consult the ESSM department chair for special consideration.

Honors Courses

Note: The final group of Honors Program students was admitted in the Fall of 2007. (Students interested in an Honors Curriculum after this time should see the University Fellows Program section.) Requirements for students continuing in the Honors Program are located in the Office of Student Records and on the Web at <http://www.samford.edu/groups/honors/>.

HONR 300 Honors Seminar (4)

Interdisciplinary seminar on a selected topic with emphasis on reading, discussion, and research. The topic will vary each semester. Fulfills the requirement for a seminar in the Honors Program. Offered: Fall or Spring.

HONR 394 Seminar in Professional Topics (4)

Alternative Honors Seminar for students focused on professional studies. Concentrates on a single topic that varies each year; students can tailor the topic to their disciplines. Format emphasizes reading and writing within a professional context. Seminar can be cross-listed by discipline, with the permission of the chair of the department or the dean of the school, or can be taken under the honors number. Fulfills the requirement for a seminar in the Honors Program. Offered: Fall or Spring.

Courses

NOTE: Beginning 2007-2008, all courses that were formerly NTD and all professional PHED courses now have the ESSM prefix. All ESSM courses are now combined into one listing, in numeric order. Old course numbers are noted in parentheses at the end of each course description. PHED activity courses retain the PHED course prefix.

HEALTH EDUCATION

HLED 473, 474 Problems and Practical Experiences in Health or Physical Education (3 and 4 credits, respectively)

Concentrated study in the areas of health or physical education, designed to meet the particular needs and interests of individual students. Each HLED course may be taken only once.

PHYSICAL EDUCATION (CORE CURRICULUM)

UCFH 120 Concepts of Fitness and Health (2)

Physical fitness course, with emphasis on exercises that develop cardiorespiratory, muscular, and flexibility fitness. All aspects of fitness, such as principles of aerobic fitness, nutrition, flexibility, strength training, common fitness injuries, and weight control and body composition are discussed and applied. Students with physical disabilities may consult the ESSM department chair for special consideration.

PHYSICAL ACTIVITY PROGRAM

Students enrolled in the Air Force ROTC program or veterans who have active duty service may substitute that experience for all or part of their physical activity requirement. One semester of ROTC can substitute for one (1 credit) activity course requirement, up to a maximum of two credits. This does not include UCFH 120. See the ESSM department chair for details. Students with physical disabilities may consult the ESSM department chair for special consideration.

Students may select any combination of one-credit courses to complete their requirement. An activity course may not be taken twice to fulfill this requirement. If PHED 138 (Water Safety Instructor Course, 2 credits) is passed, the successful completion of UCFH 120 will fulfill the student's physical activity requirement. Varsity athletes may substitute one varsity sport for one activity course requirement. Students in the Marching Band may substitute MUSC 1739 or MUSC 3739 for one activity course requirement. Students completing DANC 101, 102, 201, 202, 301, or 302 may substitute one of those dance courses for only one physical activity credit. This does not include UCFH 120.

- PHED 102 Softball (1)
- PHED 103 Flying Disc Sports (1)
- PHED 104 Aqua Aerobics (1)
- PHED 105 Beginner/Intermediate Golf (1)
- PHED 106 Tennis (1)
- PHED 107 Fitness Walking (1)
- PHED 108 Fitness Running (1)
- PHED 109 Strength Training-Physical Conditioning (1)
- PHED 110 Personal Fitness (1)
- PHED 111 Scuba (1)
- PHED 112 Basketball (1)
- PHED 113 Racquetball-Badminton (1)
- PHED 114 Aerobics (1)
- PHED 115 Volleyball-Wallyball (1)
- PHED 116 Snow Skiing (1)
- PHED 117 Beginning Social Dance-Women (1)
- PHED 118 Beginning Social Dance-Men (1)
- PHED 119 Karate (1)
- PHED 120 Fitness Swimming (1)
- PHED 121 Beginning Jazz/Tap (1)
- PHED 122 Spin Cycling (1)
- PHED 123 Kayaking (1)
- PHED 124 Introduction to Dance (1)

- PHED 125 Varsity Track and Field (1)
- PHED 126 Varsity Cheerleading (1)
- PHED 127 Yoga (1)
- PHED 128 Varsity Tennis (1)
- PHED 129 Varsity Golf (1)
- PHED 130 Varsity Basketball (Men) (1)
- PHED 131 Soccer (1)
- PHED 132 Lacrosse (1)
- PHED 133 Beginning Swimming (1)
- PHED 134 Intermediate Swimming (1)
- PHED 135 Synchronized Swimming (1)
- PHED 136 Fencing (1)
- PHED 137 Lifeguard Training (1)
- PHED 138 Water Safety Instructor Course (2)
(Prereq: Advanced swimming skills)
- PHED 139 Pilates (1)
- PHED 140 Special Physical Activity (1)
- PHED 147 Varsity Volleyball-Women (1)
- PHED 148 Varsity Baseball (1)
- PHED 149 Varsity Soccer-Women (1)
- PHED 150 Varsity Basketball-Women (1)
- PHED 151 Varsity Football (1)
- PHED 152 Varsity Softball-Women (1)
- PHED 153 Varsity Cross Country (1)

PROFESSIONAL COURSES

ESSM 110 Principles of Food Preparation (4)

Introduction to food buying, food preparation, food storage, and dietary planning in accordance with scientific principles of nutrition. LEC 2, LAB 2. Offered: Fall, Spring, and Jan Term. (Formerly NTD 110)

ESSM 141 Introduction to ESSM and Related Technology (4)

Introductory course designed to expose all departmental majors to their specific area of study and to provide experiences in selecting and utilizing appropriate technology. Includes survey of each discipline relative to purpose, history and development, career opportunities, and relationship to other disciplines in the department. Includes required laboratory. Offered: Fall and Spring. (Formerly PHED 141)

ESSM 143-145 Core Program for Majors and Minors (2 each course)

Introduction to a variety of sports and activities. Emphasis on both skill acquisition and teaching techniques. Required for physical education majors. Prereq: ESSM 141. Offered: On rotation. (Formerly PHED 143-145)

ESSM 201 Instructional Strategies for Elementary School Physical Educators (4)

Study of the program of physical education activities for the elementary school. Includes methods and procedures for conducting such a program. For PHED majors only. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 201)

ESSM 202 Physical Education for Elementary Schools (2)

See course description for ESSM 201. For non-PHED majors. Offered: Spring and Jan Term. (Formerly PHED 202)

ESSM 210 Introduction to Nutrition and Dietetics (2)

Survey of career opportunities in the health field and introduction to computer software pertinent to future career-related opportunities. Offered: Fall. (Formerly NTD 210)

ESSM 216 Personal Nutrition (4)

Introduction to nutrition for personal lifestyle choices. Includes study of digestion, absorption, and metabolism of nutrients. Recent advancements in nutrition, application to meal planning, and strategies for selecting nutritionally balanced foods are also presented. Offered: Fall and Spring. (Formerly NTD 216)