

Department of

Aerospace Studies

College of Humanities, Arts and Social Sciences

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Undergraduate Programs

Objectives

Air Force ROTC provides educational experiences that develop skills and attitudes vital to the career of an Air Force officer. The purpose of the course is to give an understanding of the mission and the global responsibilities of the United States Air Force. The academic phase develops background in national and international affairs to help understand and evaluate world events.

In addition, the curriculum includes experiences designed to stimulate and develop an interest in the Air Force (e.g., orientation flights and visits to Air Force bases); opportunities to apply the principles of leadership, human relations, management, and staff work in practical situations; and other related experiences.

Requirements

Physical Fitness and Medical. All students must meet the physical fitness and medical standards for general military service.

Age Limitations. To qualify as a pilot or navigator, students must be able to finish the aerospace studies program and graduate from the University before age 29 years. Other students must complete the military program and graduate from the University prior to reaching the age of 30. Age waivers are available up to age 35.

Academic Requirements. Successful completion of the four-, three-, two-, or one-year Air Force ROTC program is required to be commissioned as a Second Lieutenant in the U.S. Air Force. Aerospace Studies classes are taken in addition to the classes required for a bachelor's degree. In some cases, ROTC classes may be taken in conjunction with a master's degree program. The program taken is based on the number of years remaining until graduation (e.g., a transfer student with two years remaining until graduation would enroll in the two-year program). The courses, along with the normal schedule for taking them for each of the programs, are listed below:

Four-Year Program. *First year:* AS 1010, 1110, 1020, 1120. *Second year:* AS 2010, 2110, 2020, 2120. *Third year:* AS 3400, 3010, 3110, 3020, 3120. *Fourth year:* AS 4010, 4110, 4020, 4120.

Three-Year Program. *First year:* AS 1010, 1110, 2010, 2110, 1020, 1120, 2020, 2120. *Second year:* AS 3400, 3010, 3110, 3020, 3120. *Third year:* AS 4010, 4110, 4020, 4120.

Two-Year Program. *First year:* AS 3500, 3010, 3110, 3020, 3120. *Second year:* AS 4010, 4110, 4020, 4120.

One-Year Program. AS 3500, 4010, 4110, 4020, 4120.

Summer Training. AS 3500 is a prerequisite for cadets entering the Air Force ROTC two-year program. Training will be given at an Air Force base and will last five weeks. Up to 5 university credits may be granted for this training.

All cadets in the three- and four-year programs will attend a four-week summer training camp. Attendance at this camp is usually between the sophomore and junior year at a selected Air Force base. Up to 4 credits may be granted for this training.

Leadership Laboratory. A Leadership Laboratory period is required each week during the fall and spring semesters for each year of aerospace studies. Interested students should check the current *Schedule of Classes* for the Leadership Laboratory schedule.

Minor. A minor in Aerospace Studies may be awarded upon completion of commissioning requirements.

Veterans. A veteran may apply for the Air Force ROTC program if he or she can complete the program prior to reaching age 30, with a year for year waiver up to age 35 for each year of active duty service. (The waiver does not apply to the maximum age at graduation to enter flight training of 29.) The general military course (first two years) may be waived for prior military service. However, veterans must successfully complete AS 3400 prior to entering the two-year program.

Scholarships and Financial Aid

Scholarships. Air Force ROTC scholarships are available on a competitive basis. These scholarships pay all or part of tuition and fees, a textbook allowance, and a monthly nontaxable stipend during the school year. High school seniors must apply for four-year scholarships prior to December of their senior year. In-college scholarships can be applied for while enrolled in Air Force ROTC.

Uniforms and Texts. All Air Force ROTC texts and uniforms are furnished at no expense to the student.

Miscellaneous Information

Career Opportunities. To meet the challenges, keep up with technological advancements, and explore the opportunities of the ever-broadening horizons in the aerospace age, officers possessing a variety of skills are required by the Air Force. Interested students should contact the Aerospace Studies Department for information on the Air Force career opportunities related to their academic major.

Aerospace Studies Courses (AS)

AS 1010, AS 1020. Introduction to the Air Force Today. Introduces the United States Air Force and Air Force Reserve Officer Training Corps. Air Force mission and organization, officership and professionalism, military customs and courtesies, officer opportunities, group leadership problems, and communication skills. Leadership Laboratory is mandatory for cadets. (1 cr) (F) (1 cr) (Sp)

AS 1110, AS 1120. Leadership Laboratory I. Air Force customs and courtesies, drill and ceremonies, military commands, environment of the Air Force officer, and officer opportunities. AS 1110 must be taken concurrently with AS 1010; AS 1120 must be taken concurrently with AS 1020. (1 cr) (F) (1 cr) (Sp)

AS 2010, AS 2020. The Evolution of U.S. Aerospace Power. Examines general aspects of air and space power through a historical perspective. Illustrates Air Force Core Values with historical examples and continues development of communications skills. Leadership Laboratory is mandatory for cadets. (1 cr) (F) (1 cr) (Sp)

AS 2110, AS 2120. Leadership Laboratory II. Air Force customs and courtesies, drill and ceremonies, military commands, environment of the Air Force officer, and officer opportunities. AS 2110 must be taken concurrently with AS 2010; AS 2120 must be taken concurrently with AS 2020. (1 cr) (F) (1 cr) (Sp)

AS 3010, AS 3020. Air Force Leadership and Management. Presents advanced leadership and management skills. Cadets given opportunity to practice these leadership skills and management techniques in a supervised environment. Leadership Laboratory is mandatory for cadets. (3 cr) (F) (3 cr) (Sp)

AS 3060. Physical Fitness Training. Early morning workout to build stamina. Organized to keep cadets in shape to pass the Physical Fitness Test (PFT). Team instructed. (2 cr) (F,Sp) ®

AS 3110, AS 3120. Leadership Laboratory III. Advanced leadership experiences to include the planning and controlling of cadet corps activities, and the preparation and presentation of briefings and other oral and written communications. AS 3110 must be taken concurrently with AS 3010; AS 3120 must be taken concurrently with AS 3020. (1 cr) (F) (1 cr) (Sp)

AS 3400. Field Training (4 Weeks). Students in the four-year program participate in four weeks of Field Training. Major areas of study include junior officer training, career orientation, survival training, base functions, Air Force environment, and physical training. (1-4 cr) (Su)

AS 3500. Field Training (5 Weeks). Students in the two-year program participate in five weeks of Field Training. Major areas of study include junior officer training, career orientation, survival training, base functions, Air Force environment, and physical training. (1-5 cr) (Su)

AS 4010, AS 4020. National Security Affairs/Preparation for Active Duty. Designed to give college seniors the foundation to understand military officer's role in American society. Overviews complex social and political issues facing the military profession. Leadership Laboratory is mandatory for cadets. (3 cr) (F) (3 cr) (Sp)

AS 4110, AS 4120. Leadership Laboratory IV. Advanced leadership experiences to include the planning and controlling of cadet corps activities, and the preparation and presentation of briefings and other oral and written communications. AS 4110 must be taken concurrently with AS 4010; AS 4120 must be taken concurrently with AS 4020. (1 cr) (F) (1 cr) (Sp)

® Repeatable for credit. Check with major department for limitations on number of credits that can be counted for graduation.