

# Department of Aerospace Studies

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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 Introduction to the Air Force Today .....	1
AS 1110 Leadership Laboratory I .....	1
AS 1020 Introduction to the Air Force Today .....	1
AS 1120 Leadership Laboratory I .....	1

##### Second year:

AS 2010 The Evolution of U.S. Aerospace Power .....	1
AS 2110 Leadership Laboratory II .....	1
AS 2020 The Evolution of U.S. Aerospace Power .....	1
AS 2120 Leadership Laboratory II .....	1

##### Third year:

AS 3400 Field Training (4 weeks) .....	1-4
AS 3010 Air Force Leadership and Management .....	3
AS 3110 Leadership Laboratory III .....	1
AS 3020 Air Force Leadership and Management .....	3
AS 3120 Leadership Laboratory III .....	1

##### Fourth year:

AS 4010 National Security Affairs/Preparation for Active Duty .....	3
AS 4110 Leadership Laboratory IV .....	1
AS 4020 National Security Affairs/Preparation for Active Duty .....	3
AS 4120 Leadership Laboratory IV .....	1

#### Three-Year Program

##### First year:

AS 1010 Introduction to Air Force Today .....	1
AS 1110 Leadership Laboratory I .....	1
AS 2010 The Evolution of U.S. Aerospace Power .....	1
AS 2110 Leadership Laboratory II .....	1
AS 1020 Introduction to the Air Force Today .....	1
AS 1120 Leadership Laboratory I .....	1
AS 2020 The Evolution of U.S. Aerospace Power .....	1
AS 2120 Leadership Laboratory II .....	1

##### Second year:

AS 3400 Field Training (4 weeks) .....	1-4
AS 3010 Air Force Leadership and Management .....	3
AS 3110 Leadership Laboratory III .....	1
AS 3020 Air Force Leadership and Management .....	3
AS 3120 Leadership Laboratory III .....	1

##### Third year:

AS 4010 National Security Affairs/Preparation for Active Duty .....	3
AS 4110 Leadership Laboratory IV .....	1
AS 4020 National Security Affairs/Preparation for Active Duty .....	3
AS 4120 Leadership Laboratory IV .....	1

#### Two-Year Program

##### First year:

AS 3500 Field Training (5 weeks) .....	1-5
AS 3010 Air Force Leadership and Management .....	3
AS 3110 Leadership Laboratory III .....	1
AS 3020 Air Force Leadership and Management .....	3
AS 3120 Leadership Laboratory III .....	1

##### Second year:

AS 4010 National Security Affairs/Preparation for Active Duty .....	3
AS 4110 Leadership Laboratory IV .....	1
AS 4020 National Security Affairs/Preparation for Active Duty .....	3
AS 4120 Leadership Laboratory IV .....	1

#### One-Year Program

AS 3500 Field Training (5 weeks) .....	1-5
AS 4010 National Security Affairs/Preparation for Active Duty .....	3
AS 4110 Leadership Laboratory IV .....	1
AS 4020 National Security Affairs/Preparation for Active Duty .....	3
AS 4120 Leadership Laboratory IV .....	1

#### 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 five university credits may be granted for this training.

# Department of Aerospace Studies

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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.

## Additional Information

For additional details about requirements for the Aerospace Studies program, see the major requirement sheet, which can be obtained from the department, or accessed at:

<http://www.usu.edu/ats/majorsheets/>

## 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 Faculty

### Professor

*Lt. Colonel Jeffery S. Bateman*

### Assistant Professors

*Captain James Lovewell*, Commandant of Cadets

*Major Walter D. Martin*, Unit Admissions Officer

### Information Manager

*Technical Sergeant Holly A. Huff*

### Director of Personnel

*Staff Sergeant Jessica L. Bruckner*

## Course Descriptions

Aerospace Studies (AS), page 446