AEROSPACE STUDIES

The Air Force Reserve Officer Training Corps (AFROTC) offers eligible students education and training that leads to a commission as a second lieutenant in the U.S. Air Force. Air Force ROTC students may major in any degree program offered at UI; they supplement their major curricula with the specialized aerospace studies courses to prepare for active commissioned service.

Four-Year Program (General Military Course and Professional Officer Course)

A formal application is not required for students entering the four-year program. They may register for the program at the same time and in the same manner as they enroll in their other college courses. During their freshman and sophomore years, students enroll in the General Military Course (GMC), and there is NO MILITARY OBLIGATION. They then may compete for entry into the Professional Officer Course (POC), which is normally taken during the last two years of college. Selection into the POC is highly competitive and is based on qualification on an Air Force medical examination, a physical fitness test, scores achieved on the Air Force Officer Qualifying Test (AFOQT), successful completion of a paid four-week field training course at an Air Force base, and the recommendation of the professor of aerospace studies.

Air Force ROTC also offers financial assistance to selected students in the form of scholarships and subsistence allowances. The students compete for the scholarships through a national screening process. The Air Force offers 1- to 4-year scholarships that cover tuition, fees, and a book allowance, and also provide a stipend allowance ($300-$500 per month, depending on their level in the program) for each school year. Students interested in applying for scholarships should get in touch with this department. Non-scholarship students receive a stipend allowance ($450-$500 per month) while in the POC.

Air Force places a strong emphasis on physical fitness, and all ROTC cadets are required to participate at least three times a week in an organized, early morning fitness program with other cadets as part of the Leadership Laboratory requirements.

Field Training

Air Force ROTC field training is offered during the summer months at Maxwell Air Force Base, Alabama. Students in the four-year program participate in four weeks of field training, usually between their sophomore and junior years. Field Training is a mandatory program for all individuals qualified to pursue an Air Force commission through AFROTC. The program is designed to evaluate military leadership and discipline, determine potential for entry into the POC, and stratify among peers.

Leadership Laboratory

Leadership Laboratory is taken an average of two hours a week throughout the student's enrollment in Air Force ROTC. Instruction is conducted within the framework of an organized cadet wing with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies, drill and ceremonies, career opportunities in the Air Force, and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical, supervised laboratory, which typically includes field trips to Air Force installations throughout the U.S. In addition, students are required to participate at least three times a week in an organized, early morning fitness program with other cadets.

Colonel Glen Downing, Dept. Head (Washington State University, Kruegel Hall, phone 509-335-5598; www.afrotc.wsu.edu (http://www.afrotc.wsu.edu)).

RODRIGUEZ, Richard; 2017; Affiliate Faculty in Aerospace Studies; B.S.; 2014; Manhattan College.

Aerospace Studies Programs (https://catalog.uidaho.edu/colleges-related-units/rotc/aerospace-studies/aerospace-studies-programs)

Minors

- Aerospace Studies (https://catalog.uidaho.edu/colleges-related-units/rotc/aerospace-studies/aerospace-studies-minor)

Aerospace Studies

AERO 101 Foundations of the U.S. Air Force
1 credit
Survey course that introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets. (Fall only)

AERO 102 Foundations of the U.S. Air Force
1 credit
Survey course that introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets. (Spring only)

AERO 103 Leadership Laboratory I
2 credits, max 4
Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.
Coreq: AERO 101 or 102.

AERO 201 Evolution of U.S. Air Force Air and Space Power
1 credit
Survey course that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets. (Fall only)
AERO 202 Evolution of U.S. Air Force Air and Space Power
1 credit
Survey course that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets. (Spring only)

AERO 205 Leadership Laboratory II
2 credits, max 4
Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.
Coreq: AERO 201 or AERO 202.

AERO 299 (s) Directed Study
Credit arranged.

AERO 311 Air Force Leadership and Management
3 credits
Leadership and quality management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force officer; case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied; a weekly lab provides advanced leadership experience in officer-type activities, giving students the opportunity to apply leadership and management principles of this course (the lab is mandatory for cadets). (Fall only)

AERO 312 Air Force Leadership and Management
3 credits
Leadership and quality management fundamentals, professional knowledge, leadership ethics, and communicative skills required of an Air Force officer; case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied; a weekly lab provides advanced leadership experience in officer-type activities, giving students the opportunity to apply leadership and management principles of this course (the lab is mandatory for cadets). (Spring only)

AERO 313 Leadership Laboratory III
2 credits, max 4
Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.
Coreq: AERO 311 or AERO 312.

AERO 391 Private Pilot Ground School
2 credits
All aspects of preparation for the FAA Private Pilot Written Test. Additional fees will be required. Cooperative: open to WSU degree-seeking students.

AERO 404 (s) Special Topics
Credit arranged.

AERO 411 National Security Affairs/Preparation for Active Duty
3 credits
An examination of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus of the military profession, officership, military justice, civilian control of the military, preparation for active duty, and refinement of communication skills; a lab consisting of advanced leadership experiences is mandatory for cadets. (Fall only)

AERO 412 National Security Affairs/Preparation for Active Duty
3 credits
An examination of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine; focus of the military profession, officership, military justice, civilian control of the military, preparation for active duty, and refinement of communication skills; a lab consisting of advanced leadership experiences is mandatory for cadets. (Spring only)

AERO 413 Leadership Laboratory IV
2 credits, max 4
Introduces students to leadership principles, military experience, and management practice; 2 hours of laboratory and 2 hours of required physical training. Graded Pass/Fail.
Coreq: AERO 411 or AERO 412.

AERO 499 (s) Directed Study
Credit arranged.