Aerospace Studies (Air Force ROTC)

Director
• Lt Col Matthew E. Youmans

Undergraduate minor: aerospace studies
Website: https://veterans.uiowa.edu/air-force-rotc

The Aerospace Studies Program administers the Air Force Reserve Officer Training Corps (AFROTC) at the University of Iowa. AFROTC prepares highly qualified undergraduate students for commissions as officers in the United States Air Force.

While AFROTC is structured primarily for students pursuing active-duty Air Force commissions, any undergraduate or graduate student may take aerospace studies courses for academic credit, with the exception of the leadership laboratories. The amount of credit that may be applied toward a degree varies from college to college at the University of Iowa. The College of Liberal Arts and Sciences, for example, accepts a maximum of 20 s.h. of aerospace studies credit. Additionally, any undergraduate student may apply the courses toward the minor in aerospace studies.

In order to receive a commission, AFROTC cadets must satisfactorily complete all University of Iowa degree requirements as well as courses specified by the U.S. Air Force.

Undergraduate and Graduate Programs

AFROTC offers programs lasting two, three, or four years. Joining early gives students the opportunity to try AFROTC without obligation. It also can give them an advantage in the scholarship selection process.

The AFROTC program's three main components are the general military course (GMC), the professional officer course (POC), and the Field Training (FT) program.

General Military Course

The general military course (GMC) consists of one AFROTC course (1 s.h.) and a leadership laboratory taken each semester for two years. Any student who meets AFROTC qualifications and is in good academic standing is eligible to participate in the GMC. Students normally apply for the GMC up to the time they earn 60 s.h. Students who have earned more than 60 s.h. may enroll in the GMC if they are willing to extend their academic plan by a semester or more.

Professional Officer Course

The professional officer course (POC) consists of one AFROTC course (3 s.h.) and a leadership laboratory taken each semester for two years. Students accepted into the POC make a commitment to serve a minimum of four years as U.S. Air Force officers. To enter the POC, students must be selected to attend and must successfully complete field training. Students generally take the POC during their last 60 s.h.

Field Training

All POC applicants must successfully complete Field Training (FT) at a U.S. Air Force base. Selection to attend FT is competitive; if selected to attend, students experience an intensive, two-week program generally completed the summer after the sophomore year. It provides a first-hand look at the active duty Air Force and develops military leadership and discipline. Students participate in junior officer education, marksmanship, hand-to-hand combat training, physical fitness training, and expeditionary skills training in a simulated environment. After completing FT, cadets are ready to return to school and assume leadership positions in the AFROTC program.

Activities

Students have the option to compete for acceptance to a variety of optional AFROTC summer training programs. If selected, a student may return to Field Training as a cadet training assistant (CTA), travel to another country for a cultural immersion program, or compete for other Air Force immersion programs as available. The Air Force provides transportation, meals, lodging, and a daily expense allowance for all summer programs.

The AFROTC cadet corps also sponsors community service projects, intramural athletics, and social events, including formal and informal dinners.

Educational Delay

Cadets may request an educational delay to postpone entry to active duty until after completion of an advanced degree or professional training program. Selection for an educational delay is highly competitive.

Financial Aid

Merit scholarships are available on a competitive basis for two and three years of study. They provide varying awards for tuition and fees, a stipend for books, and a monthly tax-free subsistence allowance. Applicants are selected based on objective and subjective factors. Students should apply to the director of the Aerospace Studies Program.

Nonscholarship cadets in the professional officer course receive some financial assistance. Junior-level cadets receive a $450 tax-free subsistence allowance per month and senior-level cadets receive a $500 tax-free subsistence allowance per month.

All uniforms and required AFROTC textbooks are furnished free of charge.

Programs

Undergraduate Program of Study
Minor
• Minor in Aerospace Studies

Courses

Aerospace Studies Courses

AERO:1100 Air Force Heritage and Values I 1 s.h.
Introduction to the United States Air Force and Air Force Reserve Officer Training Corps (AFROTC); featured topics include structure of the U.S. Air Force, the Air Force's capabilities, career opportunities, benefits, Air Force installations, core values, leadership, teambuilding, and communication skills. Requirements: first-year or sophomore standing.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AERO:1119</td>
<td>Crosstown Air Force Mentoring</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:1150</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:2100</td>
<td>Air Force Heritage and Values II</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:2150</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:2200</td>
<td>Team and Leadership Fundamentals I</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:2250</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:3100</td>
<td>Leadership Studies: Leading People and Effective Communication I</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>AERO:3150</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:3200</td>
<td>Leadership Studies: Leading People and Effective Communication II</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>AERO:3300</td>
<td>Leadership Studies: Leading People and Effective Communication III</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>AERO:3400</td>
<td>National Security/Leadership Responsibilities and Commissioning Preparation I</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>AERO:4100</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:4150</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
<tr>
<td>AERO:4200</td>
<td>National Security/Leadership Responsibilities and Commissioning Preparation II</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>AERO:4300</td>
<td>AFROTC Leadership Laboratory (LLAB)</td>
<td>1 s.h.</td>
</tr>
</tbody>
</table>


See AERO:1100. Offered spring semesters. Corequisites: AERO:1150. Offered spring semesters. Corequisites: AERO:2200; students study leadership and leadership skills to use in their future Air Force environment; profession of arms, communications skills, and ethics; case studies used to examine Air Force leadership situations and demonstrate and exercise practical application of the concepts studied. Requirements: junior or higher standing.


