

# UNDERGRADUATE GUIDE

## OFFICER EDUCATION

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The Reserve Officers Training Corps (ROTC) prepares students to become commissioned officers in the U.S. Air Force, Army, Navy, or Marines, as well as for civilian careers. Students may be enrolled in ROTC while pursuing a degree at UW–Madison. ROTC courses are open to all undergraduates who have met the prerequisites. The number of ROTC credits that count toward a UW–Madison degree can vary by department and school or college. Prospective and registered students should contact the military program offices listed in this section of the catalog for information about regular course offerings, summer camp programs, and scholarships.

#### AIR FORCE ROTC—AEROSPACE STUDIES

The Air Force ROTC (AFROTC) program is the primary path available to enter the U.S. Air Force as an officer. Students enroll in the AFROTC program while working toward the bachelor's degree in **any major** they choose. They attend an aerospace studies class each semester, a hands-on leadership laboratory, and weekly physical fitness sessions, while learning about how the Air Force works and deciding which job fields match their interests. Upon graduating, they enter **active duty** service as second lieutenants, in leadership and management roles in the Air Force.

Most career fields have an active-duty commitment of four years after college. If students choose to separate from the Air Force at that time, they can pursue other careers with experience and the distinction of "military officer" on their resumes.

AFROTC is designed for students with three or more years remaining until graduation. To receive an officer's commission, AFROTC cadets must complete all necessary requirements for a degree as well as courses specified by the Air Force. Courses are often taken for academic credit as part of a student's electives. The amount of credit given toward a degree for AFROTC academic work is determined by the student's school or college, and major department.

#### Required Courses for Air Force ROTC/Aerospace Studies

##### General Military Course, total of 4 credit hours:

Code	Title	Credits
A F AERO 101	Heritage and Values I	1
A F AERO 102	Heritage and Values II	1
A F AERO 201	Team and Leadership Fundamentals I	1
A F AERO 202	Team and Leadership Fundamentals II (General Military Course, total of 4 credit hours:)	1

##### Professional Officer Course, total of 12 credit hours:

Code	Title	Credits
A F AERO 301	Leading People and Effective Communication I	3
A F AERO 302	Leading People and Effective Communication II	3
A F AERO 401	National Security Affairs	3
A F AERO 402	Leadership Responsibilities & Commissioning Preparation	3

Cadets must enroll in A F AERO 501 Leadership Laboratory I every Fall semester and A F AERO 502 Leadership Laboratory II every Spring semester, in addition to their lecture courses, for a total of 8 credit hours.

Scholarships are available to qualified applicants. Scholarships may provide full tuition, laboratory and incidental fees, and reimbursement for textbooks. In addition, scholarship cadets receive a nontaxable allowance ranging from \$300 to \$500 per month, depending on academic/AFROTC year. Juniors and seniors automatically receive \$450 and \$500, respectively.

##### For Participating Students:

Participating students are those who are registered in AF AERO courses but do not seek a commission. Participating students are not cadets, and the following apply:

- Must create a WINGS account; however, students are not required to complete the application for AFROTC membership. Accounts can be created here: [https://wings.holmcenter.com/psp/hcp/LANDING/PORT\\_HCP/c/W\\_ROT.C.W\\_PTL\\_PREScreen.GBL](https://wings.holmcenter.com/psp/hcp/LANDING/PORT_HCP/c/W_ROT.C.W_PTL_PREScreen.GBL)
- May enroll in AFROTC classes for academic course credit only.
- Will not be issued uniforms.
- Will not be included in Detachment Commander's Ranking.
- Are ineligible to compete in any selection program.
- Cannot compete for an Enrollment Allocation (EA), contract, or commission.

All AFROTC courses are open to all students regardless of membership in the program. Students are invited to take one of the program's courses to determine if AFROTC is right for them with no obligation to join. For more information, please contact the Recruiting Officer at 608-262-3440 or 608-265-4812; [afrotc@mailplus.wisc.edu](mailto:afrotc@mailplus.wisc.edu).

#### MILITARY SCIENCE—ARMY ROTC

The Army Reserve Officers' Training Corps (ROTC) is the nation's largest leadership and management-development training program. It offers the opportunity to earn a commission as a Second Lieutenant for Active Duty, Army Reserve, or Army National Guard while pursuing an academic degree. It enables young men and women to prepare themselves to be leaders in the Army or the civilian career field of their choice. The traditional four-year Army ROTC Program is divided into a two-year Basic Course and a two-year Advanced Course. A non-contracted student enrolled in the Basic Course does not incur a military service obligation. All Military Science classes are taught in person on campus.

##### Basic Course

This instruction introduces the student to fundamental military and leadership subjects. It is normally taken over four successive semesters, but may be completed in as few as two semesters. Students should

discuss available options with the Scholarship & Enrollment Officer before registering for courses if they have fewer than four semesters to complete the Basic Course.

The regular curriculum consists of a lecture and lab each semester. Freshmen are encouraged to take our class and lab with no military obligation. Students can enroll in a lecture without enrolling in the lab, but cannot enroll in a lab without the corresponding lecture. Labs are intended to provide practical leadership experience and military skills training such as map reading, land navigation, field training, and rifle marksmanship. Additionally, students who start in the Aerospace Studies or Naval Science programs can switch to Military Science and continue on toward graduation with no penalty.

Code	Title	Credits
MIL SCI 101	Foundations of Officership	1
MIL SCI 110	Leadership Lab 1A	1
MIL SCI 102	Basic Leadership	1
MIL SCI 111	Leadership Lab 1B	1
MIL SCI 201	Individual Leadership Studies	2
MIL SCI 210	Leadership Lab 2A	1
MIL SCI 202	Leadership and Teamwork	2
MIL SCI 211	Leadership Lab 2B	1

### Advanced Course

Students who have completed the Basic Course or an equivalency (see Two-Year Program) and have passed all enrollment eligibility criteria continue on into the Advanced Course. This course consists of the following lectures, leadership labs, a separate military history course, physical fitness training sessions, and a four-week paid leadership capstone (Advance Camp) at Fort Knox, Ky. Students normally attend Advance Camp between their junior and senior years of Military Science. During labs and physical training sessions students are provided practical leadership opportunities to prepare them for Advance Camp and their future military careers. Students must complete all components of this course to earn a commission.

Code	Title	Credits
MIL SCI 301	Leadership and Problem Solving	2
MIL SCI 310	Leadership Lab 3A	1
MIL SCI 302	Leadership and Ethics	2
MIL SCI 311	Leadership Lab 3B	1
MIL SCI 401	Leadership and Management	2
MIL SCI 410	Leadership Lab 4A	1
MIL SCI 402	Officership	2
MIL SCI 411	Leadership Lab 4B	1
MIL SCI 491	American Military History	3

### Two-Year Program

Students who are veterans, members of the Army National Guard/ Army Reserve, or who have participated in the Junior Reserve Officers' Training Corps Program in high school may qualify for direct entry into the Advanced Course. Students who did not complete the ROTC Basic Course (see above), to include graduate and doctoral students, but have two years of academic study remaining may be eligible to attend Basic Camp. This option compresses the Basic Course curriculum into a paid four-week summer leadership professional development course held at Fort Knox, KY prior to starting the Advanced Course. Students who believe they qualify

for this program should consult with the Scholarship & Enrollment Officer for more information.

### Scholarships

Qualified students may compete for Army ROTC scholarships ranging from two to three years in duration. High school students can apply for a four year scholarship during their senior year of high school. Students must be enrolled and participating in Army ROTC to be eligible for scholarships. Scholarships are merit based and pay full tuition & fees (both in and out-of-state) or room and board (capped at \$6,000/semester) but not both, \$600/semester for textbooks and laboratory expenses, and a tax fee subsistence stipend of \$420 for each month of the regular school year. Interested students should consult with the Scholarship & Enrollment Officer for more detailed information concerning the scholarship eligibility requirements. For additional information about Army ROTC, students may contact Josh Beyerl in the Department of Military Science, 1910 Linden Drive, 608-262-3411, armyrotc@mailplus.wisc.edu.

## NAVAL SCIENCE—NAVAL ROTC

### Mission

The Naval ROTC Program was established to develop future officers mentally, morally and physically and to instill in them the highest ideals of duty, and loyalty, and with the core values of honor, courage and commitment in order to commission college graduates as Naval officers who possess a basic professional background, are motivated toward careers in the Naval service, and have a potential for future development in mind and character so as to assume the highest responsibilities of command, citizenship and government.

### Program Description

The purpose of the Naval ROTC Program is to educate and train qualified young men and women for service as commissioned officers in the Navy's unrestricted line, and the Marine Corps. As the largest single source of Navy and Marine Corps officers, the Naval ROTC Scholarship Program plays an important role in preparing mature young men and women for leadership and management positions in an increasingly technical Navy and Marine Corps.

Selected applicants for the four-year Naval ROTC Scholarship Program are awarded scholarships through a highly competitive national selection process, and receive full tuition, books stipend, educational fees and other financial benefits. Upon graduation, midshipmen are commissioned as active duty officers in the Navy's unrestricted line or the Marine Corps.

The four-year Naval ROTC Scholarship Program is available to qualified students who graduate from high school before August 1 of the year they intend to start college, and have earned less than 30 credit hours of college-level courses.

Students may affiliate with the Naval ROTC program, with the approval of the Professor of Naval Science, as College Program midshipmen, but receive none of the monetary benefits of scholarship students. College program midshipmen may apply and compete for 3-, 2-, or 1-year NROTC scholarships in each of their freshman, sophomore and junior academic years.

Students selected for the Navy ROTC Scholarship Program make their own arrangements for college enrollment and room and board, and take the normal course load required by the college or university for degree completion.

Upon graduation, midshipmen who complete all academic requirements in the Navy ROTC program are commissioned as an Ensign in the Navy or a 2<sup>nd</sup> Lieutenant in the Marine Corps and will be required to serve

a minimum of five years of active military service. (Additional service requirements may apply for specific service assignments; e.g., pilot, nuclear power officer.)

### Program Requirements

- Complete all requirements for a bachelor's degree.
- Complete specified Naval Science courses:

#### Navy Option

Code	Title	Credits
NAV SCI 101	Introduction to Naval Science	2
NAV SCI 102	Seapower-Maritime Affairs	3
NAV SCI 201	Naval Leadership and Management	3
NAV SCI 202	Navigation	3
NAV SCI 301	Naval Engineering	3
NAV SCI 302	Naval Weapons	3
NAV SCI 401	Naval Operations	3
NAV SCI 402	Naval Leadership and Ethics	3

#### Marine Option

Code	Title	Credits
NAV SCI 101	Introduction to Naval Science	2
NAV SCI 102	Seapower-Maritime Affairs	3
NAV SCI 201	Naval Leadership and Management	3
NAV SCI 350	Fundamentals of Maneuver Warfare	3
NAV SCI 351	Land Campaigns	3
NAV SCI 402	Naval Leadership and Ethics	3

- In addition (or concurrent) to prescribed undergraduate degree and Naval Science course load, midshipmen must also satisfy these academic requirements:
  - Calculus (two semesters, by end of sophomore year). Not required for Marine option students.
  - Physics (two-semester of calculus-based physics, by end of junior year). Not required for Marine option students.
  - English grammar and composition (two-semester).
  - National Security Policy/American Military Affairs (one-semester).
  - World Culture/Regional Studies (one-semester; certain countries or cultures do not satisfy). Not required for Marine option students.
- Maintain a minimum, cumulative 2.5 GPA.
- Register for, and attend a one credit Naval Science leadership lab each semester (NAV SCI 175 Introductory Naval Laboratory I, NAV SCI 176 Introductory Naval Laboratory II, NAV SCI 275 Elementary Naval Laboratory I, NAV SCI 276 Elementary Naval Laboratory II, NAV SCI 375 Intermediate Naval Laboratory I, NAV SCI 376 Intermediate Naval Laboratory II, NAV SCI 475 Advanced Naval Laboratory I, NAV SCI 476 Advanced Naval Laboratory II)
- Participate in a 4-6-week training period each summer

### Summer Training Requirements

A significant portion of a midshipman's professional training during their four-year curriculum is received during summer training.

Navy option midshipmen attend summer training, to include Career Orientation and Training for Midshipmen (CORTRAMID) for rising sophomores, and Fleet Exposure Cruises for rising juniors and seniors.

Marine Corps option summer training includes Career Orientation and Training for Midshipmen (CORTRAMID) for rising sophomores, and Fleet Exposure Cruises for rising juniors. All rising senior Marine option midshipmen attend the 6-week Marine Corps Officer Candidates School in Quantico, VA.

Midshipmen must ultimately make decisions as to which warfare area they will request to be commissioned into; CORTRAMID and the various summer training programs are designed to instill awareness of these areas and provide midshipmen with the background necessary to make informed decisions regarding their career choice. Midshipmen select their order of preference of available warfare communities and are ultimately assigned based on their class rank and the needs of the Navy and Marine Corps.

### Possible Summer Training Assignments

- CORTRAMID: Midshipmen assigned to this training will travel to a Fleet concentration area on either the East or West coast and spend a week with each of the following warfare communities: surface ship, submarine, aviation, and Marine Corps.
- Nuclear Power: Midshipmen can be assigned to a nuclear submarine or aircraft carrier.
- Ashore Aviation Option: Selected, qualified midshipmen train with a shore-based Navy aviation squadron, including flight time if feasible.
- Surface Warfare: Midshipmen can be assigned to a Navy ship in the United States or in overseas ports.
- Fleet Marine Force Month: Marine option midshipmen can be assigned to a unit on the East or West coast, where they will closely shadow officers and enlisted Marines in their day-to-day training.

## PEOPLE

**Air Force ROTC—Aerospace Studies:** Lieutenant Colonel Scott Gross, Professor of Aerospace Studies/Detachment Commander; Major Jeremy Ware, Assistant Professor of Aerospace Studies/Operations Flight Commander; Captain Kaitlynn Williams, Assistant Professor of Aerospace Studies/Recruiting Officer.

**Military Science—Army ROTC:** Professor Lieutenant Colonel Cheney; Assistant Professor Captain Schwartz, Assistant Professor; Assistant Professor Captain Ali; Assistant Professor Captain Schultz; Enrollment Officer: Josh Beyerl

**Naval Science—**Professor, CAPT Barnett; Associate Professor, CDR Mascotti; Assistant Professors LT Hippe, LT Fox, and Marine Capt. Hoffman. The assistant professors act as undergraduate advisors and may be contacted through the department office.

## CONTACT INFORMATION

**Air Force ROTC—Aerospace Studies**  
608-262-3440  
1433 Monroe Street, Madison, WI 53711  
<http://www.afrotc.wisc.edu/>

**Military Science—Army ROTC**  
608-262-3411  
1910 Linden Drive, Madison, WI 53706  
<http://www.badgerrotc.wisc.edu/>

**Naval Science**  
608-262-3794  
1610 University Avenue, Madison, WI 53726-4086  
<http://nrotc.wisc.edu/>