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**UNIVERSITY OF MINNESOTA**



*Army - Navy - Air Force ROTC*  
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# UNIVERSITY OF MINNESOTA

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# Army - Navy - Air Force ROTC

## ✓ Military Science and Tactics

### Army ROTC

#### GENERAL INFORMATION

The Reserve Officers' Training Corps (ROTC) is the name applied to the program in military science and tactics offered at all the nation's land-grant colleges, including the University of Minnesota. The purpose of this program is to produce reserve officers for the Army Officers' Reserve Corps from among qualified university students, and to supplement the United States Military Academy as a source of Regular army officers.

The Reserve Officers' Training Corps is not a component of the Army. It does, however, play an important part in the national defense framework of our nation. In its primary role of producing Reserve officers, it is a vital element in fulfilling the traditional American concept of dependence on a large trained reserve rather than a large standing Army.

#### ROTC at the University

At the University of Minnesota, military science and tactics is an elective four-year college course which the student may schedule in the same manner as any other elective course in his curriculum. The program, although laid out by the Army and taught by Army instructors, is administered by the University, and academic credits applicable to graduation are given in most colleges of the University.

#### Reserve Commission

The completion of the four-year course of instruction qualifies the student for appointment as a second lieutenant in the United States Army Reserve. During the current emergency, this appointment carries with it the obligation to serve on active duty for a period of two years, unless this active duty requirement can be waived because of prior service. It carries with it a further obligation for the student so commissioned to serve an additional period of six years in the United States Army Reserve on an inactive status, thereby making an eight-year total obligation.

#### Regular Army Commission

Students who desire a Regular Army career have an excellent opportunity to secure a commission as a second lieutenant in the Regular Army if they meet certain qualifications during their ROTC enrollment. A large number of appointments in the Regular Army are now being made annually from selected ROTC graduates. Further information concerning this opportunity may be obtained from the Department of Military Science and Tactics.

### Obligations

Because of the federal subsidy involved, students assume two obligations in ROTC, upon their entrance into the third and fourth years (Military Science III and IV) of military science. They must agree to complete the remaining two years of ROTC if they continue enrolled in the University, and they must agree to accept a commission of second lieutenant in the United States Army Reserve, if offered, upon completion of the course.

### Allowances

All texts and uniforms are furnished by the department. There is no expense attached to the course. In addition, students who have been accepted for Military Science III and IV receive federal pay of \$27 per month during the two academic years, and \$75 per month during the six-week summer camp. This financial assistance is in addition to any benefits received under the "GI Bill."

### Qualifications for Enrollment

The following qualifications for enrollment for commission are required. Students who do not meet these qualifications may enroll in the course and receive University credit but will not receive financial benefits or a Reserve commission. The student must:

1. Be enrolled as a regular student at the University.
2. Be a male citizen of the United States.
3. Be less than 23 years of age for enrollment in Military Science I.
4. Be less than 27 years of age at the time of initial enrollment in Military Science III.
5. Have sufficient time remaining in college curriculum to complete the ROTC course.
6. Be physically qualified as determined by physical examination administered at time of enrollment.
7. Not be a member of the Air or Naval Reserve.
8. Not be previously commissioned in one of the armed services.

### Transfer of ROTC Credits

Students who have had ROTC at other institutions on the college level will be given quarter-for-quarter credit for such prior ROTC successfully completed. Students who have completed ROTC at military schools and high schools will be granted such credit for ROTC successfully completed as may be determined by each individual case.

### Credit to Veterans

Veterans who have completed twelve months of honorable service in one of the Armed Services, and who are otherwise qualified, may be granted credit for Military Science I and II, and may be accepted for initial enrollment in Military Science III. Veterans who have completed six months and less than twelve months of honorable service may be granted credit for Military Science I.

### Registration

Formal registration for military science and tactics is effected in the same manner as registration for other academic courses of the University.

Students add military science and tactics to their academic program at the appropriate college registration point.

Due to the monetary allowance in Military Science III and IV, it is necessary that students registering for these courses secure *prior acceptance by personal application* at the Department of Military Science and Tactics, 110 Armory Building.

### Branch Assignment

The curriculum offered provides the student with a broad general military background without emphasis on a particular branch. The branch in which the student will be commissioned is selected during the Military Science IV year. A board composed of University authorities and members of the military staff jointly determine the student's branch. Factors considered by the board are: the relationship of the course of academic study pursued by the student to a particular branch, his personal desires, and the needs of the Service.

### Summer Camp

The "laboratory" for military science and tactics is one six-week summer camp conducted during the summer between Military Science III and IV. The camp is part of the school program and attendance is required for full course-credit and commission.

Students attend camp as civilians and participate in the practical application of theoretical subjects at the University.

Students are paid traveling expenses to and from camp and in addition receive pay of \$75 per month while at camp. All accommodations and food are furnished.

### DESCRIPTION OF COURSES

- 1-2-3. Military Science I.** Organization of the Army and ROTC; individual weapons and marksmanship; American military history; school of the soldier and exercise of command. (1 cred. per qtr.; no prereq.)
- 4-5-6. Military Science II.** Map and aerial photograph reading; crew-served weapons and gunning; school of the soldier and exercise of command. (1 cred. per qtr.; prereq. 1-2-3)
- 151-152-153. Military Science III.** Leadership; military teaching methods of first aid and military sanitation and rifle marksmanship; organization, function, and missions of the arms and services; small unit tactics and communications; school of the soldier and exercise of command. (3 cred. per qtr.; prereq. 4-5-6)
- 154-155-156. Military Science IV.** Operations, including command and staff; estimate of situation and combat orders, military intelligence, the military team, and training management; logistics, including supply and evacuation, troop movements, and motor transportation; military administration and personnel management, including military justice; service orientation, including the role of the United States in world affairs and the present world situation; leadership and officer indoctrination; school of the soldier and exercise of command. (3 cred. per qtr.; prereq. 151-152-153)

# Naval Science

## Naval ROTC

### GENERAL INFORMATION

The United States Navy and the United States Marine Corps obtain most of their officers from two sources: the Naval Academy at Annapolis, Maryland, and the Naval ROTC. These Naval ROTC units are established in fifty-two of the leading colleges and universities of the United States to provide, by a permanent system of training and instruction in essential naval subjects, a source from which qualified officers may be obtained for the Navy, the Marine Corps, the Naval Reserve, and the Marine Corps Reserve.

The Naval Reserve Officers' Training Corps was established in 1926 for the purpose of offering to selected college students the necessary naval science courses required to qualify them for commissions in the Naval Reserve upon graduation. The mission of the Naval ROTC was greatly expanded in 1946 to include the training of career officers for the Regular Navy. These two training programs now go hand-in-hand, and students enrolled therein are known as Contract and Regular students, respectively. Both classes of students take the same naval science courses and drills and are subject to the same privileges and discipline. They vary widely, however, in the method of selection, the benefits received, the obligations entailed, and the summer cruises required.

Students enrolled in the Naval ROTC lead approximately the same life as their civilian contemporaries. In the same manner they make their own arrangements for board and lodging. Likewise, they may pursue any of the University extracurricular activities which do not interfere with their naval science requirements. They may obtain outside employment on the same basis, provided they are able concurrently to maintain the high scholastic requirements. They wear the uniform when attending drills and other ceremonies and while engaged in summer training cruises.

Under the provisions of the Selective Service Act of 1948, all Naval ROTC students who are subject to induction under the provisions of that act are required to agree in writing to accept a commission upon completion of their training and to serve, subject to call by the Secretary of the Navy, not less than two years on active duty after receipt of their commission. Having signed this agreement, they will then be deferred from induction until the completion or termination of the course of instruction but shall not be exempt from registration.

For Regular Naval ROTC students, this is only a minor change from Public Law 729, which requires three years' active duty service. In the case of Contract students who are commissioned in the Reserve, this does not necessarily mean that they will be permitted or required to serve for three years on active duty. To be deferred from induction, however, they must agree to accept a commission and serve on active duty if called to do so.

### Naval Science Courses

The Naval ROTC program constitutes a four-year naval science course which a student schedules in the same manner as any other course

in his academic program. Naval science courses are under the supervision of the Department of the Navy and are taught by naval instructors. These courses carry full University academic credit as electives and are applicable toward the requirements for a University degree and graduation.

### Contract Naval ROTC Students

For those college students who desire neither financial assistance from the Navy nor a naval career, but who do wish to be available to serve their country in time of emergency as a Reserve officer, the Navy offers the Contract student status. Contract students are selected for enrollment in the Naval ROTC by the professor of naval science from among those students already in attendance at, or selected for admission by, the University and who plan to complete at least four years of academic work. Contract students are civilians who enter into a mutual contract with the Department of the Navy, in which they obligate themselves to take certain naval science courses and drills and one summer training cruise. In return, the Navy provides the required uniforms, gives them a subsistence allowance of about \$27 per month during their junior and senior years, and offers a Reserve commission upon graduation. Contract students must meet the same standards for enrollment, including the same physical qualifications, as Regular students. They are also eligible to compete for Regular student status.

### Regular Naval ROTC Students

For those applicants who desire financial assistance from the Navy, with the possibility of a career in the Regular Navy or Marine Corps, the Navy offers the Regular student status. Complete information on this program is available at the Naval ROTC Office, 203 Armory Building, Minneapolis Campus.

### Commission in the Naval Service

Both Regular and Contract Naval ROTC programs lead to a commission as an ensign in the Navy or a second lieutenant in the Marine Corps upon the successful completion of the four-year naval science course and the fulfillment of requirements for a degree and graduation from the University.

### Eligibility Requirements

To be eligible for consideration for Regular or Contract Naval ROTC student status, a candidate must:

1. Be a male citizen of the United States.
2. Have reached his 17th birthday (16th for Contract students) and not have passed his 21st birthday on July 1 of the year in which he enters, unless contemplating undertaking a college course which takes five years to complete, in which case he shall not have passed his 20th birthday on July 1 of that year.
3. Be unmarried.
4. Be physically qualified in accordance with the standards for midshipmen as set forth in the *Manual of the Medical Department, U. S. Navy*.
5. Be prepared to enter into an appropriate contract with the Secretary of the Navy, providing for the obligations set forth in the preceding paragraphs. Minors must obtain a signed agreement to the contract from their parent or guardian.
6. Be a high school graduate or possess an equivalent certificate.

7. Not be a member or former member of organizations which have been designated by the Attorney General to be totalitarian, fascist, communist, or subversive.

### Physical Requirements

The physical requirements for the Naval ROTC are exactly the same as those required of candidates for entry in the United States Naval Academy. These standards are necessarily exacting and have been established in the light of many years of experience by naval personnel on duty in all parts of the world under changing and extreme conditions of service.

The general requirements are that the candidate be physically sound, well formed, and of robust constitution. Vision must be 20/20 uncorrected in each eye. Good color perception is required. Heart, lungs, and hearing must be normal. He must have at least twenty vital serviceable teeth with good occlusion and no caries. Weight must be in proportion to height and general build. The limits of height are 66 to 74 inches for persons under 18 years of age and 66 to 76 inches for those over 18.

All naval science courses are available to any male student not in the Naval ROTC who desires to take the course for academic credit only.

### CURRICULUM

The four-year naval science curriculum leads to one of three commissions in the naval service:

1. Ensign (Line), U.S.N. or U.S.N.R.
2. Ensign (Supply Corps), U.S.N. or U.S.N.R.
3. Second Lieutenant, U.S.M.C. or U.S.M.C.R.

All midshipmen study the first- and second-year courses shown below. During the third and fourth years, a midshipman studies the courses of the line sequence, the Supply Corps sequence, or the Marine Corps sequence, according to the type of commission he desires.

Male students who are not midshipmen of the Naval ROTC unit but who wish to enroll in a naval science course as an elective may have the prerequisites waived upon application to the Professor of Naval Science, 203 Armory Building.

All classes consist of 3 class hours, 1 laboratory hour, and 1 hour of drill per week. The student receives 3 college credits for the completion of each course.

### DESCRIPTION OF COURSES

- 11-12-13. **Naval Science I.** Evolution of sea power; naval orientation. (3 cred. per qtr.: no prereq.)
- 21-22-23. **Naval Science II.** Naval weapons. (3 cred. per qtr.; prereq. 11-12-13)

### Line Sequence

- 51-52-53. **Naval Science III.** Naval engineering; navigation. (3 cred. per qtr.; prereq. 21-22-23)
- 61-62-63. **Naval Science IV.** Naval operations; naval administration. (3 cred. per qtr.; prereq. 51-52-53)



### Supply Corps Sequence

**57-58-59. Naval Science III.** Supply organization; management and finance; general supply afloat. (3 cred. per qtr.; prereq. 21-22-23)

**67-68-69. Naval Science IV.** Naval clothing and commission; ship's store; advanced supply afloat; naval administration. (3 cred. per qtr.; prereq. 57-58-59)

### Marine Corps Sequence

**54-55-56. Naval Science III.** Evolution of the art of war; modern basic strategy and tactics. (3 cred. per qtr.; prereq. 21-22-23)

**64-65-66. Naval Science IV.** Amphibious warfare; naval administration. (3 cred. per qtr.; prereq. 54-55-56)

# **Air Science**

## **Air Force ROTC**

### **GENERAL INFORMATION**

Air Force Reserve Officers' Training Corps is a four-year elective course open to all regularly enrolled male students who meet physical, moral, age, and citizenship requirements. The course is designed to meet University educational standards and to train the student in military subjects so that he may qualify for a Reserve commission in the United States Air Force.

The student will not specialize in any one military career field but instead will take subjects aimed at giving a well-rounded course of study which provides a complete background of officer training. He will be given an Air Force specialty classification that corresponds to his university academic major. Every effort is made by the Air Force classification and assignment system to utilize this specialty training.

The Air Force ROTC student is not in the military service and is therefore not subject to the uniform code of military justice.

### **Admission**

The Air Force ROTC is a department in the University of Minnesota and is a University course. The student enrolls in ROTC at the time of registration in his college as he does for any other University course. Registration is accomplished at the campus Armory.

The following qualifications for enrollment are required. The student must:

1. Be enrolled as a regular student in the University of Minnesota.
2. Be a male citizen of the United States.
3. Not have reached 23 years of age for enrollment in Air Science I nor 27 years of age for enrollment in Air Science III.

### **Benefits**

Air Force ROTC is a four-year program composed of the Basic course (first two years) and the Advanced course (last two years) plus a four-week summer camp at an Air Force base during the summer after the third year.

Students enrolled in the Basic course will receive all textbooks and a uniform free of charge. Students enrolled in the Advanced course will receive all textbooks free of charge and a subsistence allowance of \$27 per month. Advanced students will also receive an Air Force officer's blue uniform which becomes his property upon graduation.

During the summer encampment he will receive food, housing, medical care, clothing, transportation, and pay at the rate of \$78 per month.

### **Credits**

Air Force ROTC credits may be substituted for humanities credits in the Institute of Technology; for elective credits in the colleges of Edu-

cation; Science, Literature, and the Arts; and Agriculture, Forestry, and Home Economics. Air Science is accepted as a minor in the College of Science, Literature, and the Arts.

### The Reserve Commission

Each student who successfully completes the Air Force ROTC course and graduates from the University of Minnesota will be eligible for an appointment as second lieutenant in the United States Air Force Reserve. Upon receipt of such appointment the individual will be required under the Selective Service Act and current Air Force Regulations to serve on active duty with the Air Force for a period of thirty-six months unless sooner released, and to remain active in a reserve component for a period of five additional years in the Air Force Reserve on an inactive status, thereby making an eight-year total obligation. Those qualified are sent to pilot or air observer training schools as an officer.

### Field of Specialization

There is no specialty training in the Air Force ROTC program. Students get their specialty training in the college academic major. The Air Force supplies the general officer training.

Students are normally assigned an Air Force specialty classification that closely parallels their college major. Upon entrance into active duty, it is the policy to assign newly commissioned personnel to specialty schools for further training.

### DESCRIPTION OF COURSES

- 31-32-33. Air Science I.** Introduction to Air Force; introduction to aviation; fundamentals of global geography; international tensions and security organizations; military instruments and national security; command and leadership laboratory. (1 cred. per qtr.; no prereq.)
- 34-35-36. Air Science II.** Careers in the Air Force; introduction to aircraft and bases; introduction to targets and weapons; operations; command and leadership laboratory. (1 cred. per qtr.; prereq. 31-32-33)
- 131-132-133. Air Science III.** Commander and his staff; problem solving; military justice; navigation; weather; air base functions; communicating and instructing in the Air Force; command and leadership laboratory. (3 cred. per qtr.; prereq. 34-35-36)
- 134-135-136. Air Science IV.** Military aspects of world political geography; principles of leadership and management; military aviation and evolution of warfare; career guidance; briefing for commission service; command and leadership laboratory. (3 cred. per qtr.; prereq. 131-132-133)