Military Science (Army ROTC)

This is the Military Science (Army ROTC), Naval Science (Navy/Marine ROTC), and Aerospace Studies (Airforce ROTC) sections of the 1997-1999 University of Minnesota ROTC Bulletin.
The Department of Military Science conducts the Army ROTC program to prepare men and women as officer candidates for the Regular Army, National Guard, and Army Reserve. In addition to instruction in military fundamentals common to all branches of the Army, this program develops in students the leadership attributes essential to their future roles as officers. Military science courses are offered in two- and four-year sequences that students complete concurrently with coursework required for earning a University degree. Students register and earn academic credits for Army ROTC courses in the same manner as for other elective courses in the curriculum. An academic minor in military science is available but not required for commissioning as an officer in the U.S. Army.

Programs

Two programs are available for students to earn their commissions as second lieutenants through Army ROTC.

Four-Year Program—The four-year Army ROTC program is divided into two parts, the basic course and the advanced course. The basic course is normally taken during the first two years of college and covers such subjects as customs, traditions, and organization of the Army; national defense; military history; marksmanship; land navigation; first aid; orienteering; and leadership development. Except for students on scholarship, enrollment in the basic course requires no future military obligation. All full-time University students are eligible to enroll in this course.

After completing the basic course, students who have met the physical and scholastic standards and demonstrated the potential to become Army officers are eligible to enroll in the advanced course. The advanced course is taken during the final two years of college and covers such subjects as customs, traditions, and organization of the Army; national defense; military history; marksmanship; land navigation; first aid; orienteering; and leadership development. Except for students on scholarship, enrollment in the basic course requires no future military obligation. All full-time University students are eligible to enroll in this course.

Benefits

The department supplies all ROTC texts and uniforms. Students in the advanced course also receive a $150 monthly allowance during those two academic years.

Students attending the basic or advanced camps are paid travel expenses and a salary. All food, housing, and clothing are furnished.

Students who have received their bachelor’s degree and have been commissioned through the Army ROTC program may request a delay in reporting for duty in order to continue their education. Normally an additional two years are allowed for graduate study.
Scholarships

Many Army scholarship programs are available. Students can receive four-, three-, or two-year scholarships. Four-year scholarships are offered annually to outstanding high school students. Applications must be submitted between July 1 and November 15 of the applicant’s senior year in high school.

All students, whether they are enrolled in Army ROTC or not, are eligible to compete for three- and two-year scholarships after completing their first or second years of college. In addition to the national competition, the professor of military science may award three- and two-year scholarships to students on campus.

For those awarded scholarships, the Army pays tuition, fees, and $450 per year for textbook expenses and supplies. In addition, students receive $150 per month for the duration of the scholarship. Scholarship students selected for active duty incur a four-year active duty obligation after graduation.

Scholarships are also available from the National Guard, Army Reserve, American Legion, Association of United States Army, Reserve Officers Association, Society of American Military Engineers, ROTC Alumni Association, and Veterans of Foreign Wars.

Course Descriptions (Mil)

Leadership Laboratory

Leadership Laboratory is a series of mini courses, covering military topics, taught to all cadets each quarter. These classes help students develop functional leadership skills in problem solving, decision making, personnel management, and other areas. Progressive and extensive practice in voice command, bearing, and physical fitness is emphasized. (Planned and directed largely by the Cadet Corps; 10 hours required each quarter.)

Lower Division

Military Science I

Mil 1001, 1002, 1003. Basic Course Leadership Laboratory. (1 cr per qtr [3 cr max])
Basic skills and knowledge in drill and ceremonies, first aid, self-defense, land navigation, small-unit operations, communications procedures, and physical conditioning. Builds self confidence and team-building leadership skills.

Mil 1101f. Introduction to ROTC. (2 cr; prereq ¶1001)
Team study and activities in basic drill, physical fitness, rappelling, leadership (in classroom and lab settings), first aid, making presentations, and basic rifle marksmanship. Participation in one one-hour physical fitness session and one weekend exercise strongly encouraged.

Mil 1102s. Introduction to Leadership. (2 cr; prereq ¶1003)
Applying leadership principles. Participate in physically and mentally challenging exercises and develop communication skills. Relate organizational ethical values to leader effectiveness. Participation in one one-hour physical fitness session and one weekend exercise strongly encouraged.

Military Science II

Mil 1201, 1202, 1203. Basic Course Leadership Laboratory. (1 cr per qtr [3 cr max])
Basic skills and knowledge in drill and ceremonies, first aid, self-defense, land navigation, small-unit operations, communications procedures, and physical conditioning. Builds self confidence and team-building leadership skills.

Mil 1221w. Self/Team Development. (2 cr; prereq ¶1201)
Applying ethics-based leadership skills. Develop skills in oral presentations, writing concisely, planning events, coordinating group efforts, advanced first aid, land navigation, and basic military tactics. Required fundamentals of ROTC’s Leadership Assessment Program. Participation in two one-hour physical fitness sessions required; participation in one weekend exercise strongly encouraged.

Mil 1222s. Individual/Team Military Tactics. (2 cr; prereq ¶1203)
Military tactics in small-unit operations. Radio communications, making safety assessments, movement techniques, planning for team safety/security, pre-execution check methods. Training others as an aspect of continued leadership development. Participation in two one-hour physical fitness sessions required; participation in one weekend exercise strongly encouraged.

Commissions and Obligations

Completing the Army ROTC program qualifies graduates for appointments as second lieutenants in the Army, Army Reserve, or Army National Guard. These appointments include an obligation to serve on active duty for three months to four years, depending on Army officer requirements at the time of graduation. Officers commissioned in the Army National Guard or Army Reserve serve for eight years. Nonscholarship and some scholarship students may have a guarantee of reserve forces duty. The branch of service in which students are commissioned depends on such factors as their interests, academic majors, and advanced camp performance and the Army’s needs.
**Directed Studies**

**Mil 3970. Directed Studies.** (Cr ar; prereq #)
Provides flexibility so a student can fit an ROTC course into his/her schedule if it might otherwise prohibit participation in ROTC. Instructor and student determine a mutually convenient time to meet. Course content remains the same as for regularly listed military science course.

**Upper Division**

**Military Science III**

**Mil 3130. Advanced Course Leadership Laboratory.** (1 cr per qtr [3 cr max]; prereq #)
Planning, coordinating, implementing, and evaluating training for and activities with basic course students and ROTC program as a whole. Develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions.

**Mil 3131f. Leading Small Organizations I.** (3 cr; prereq ¶3130, #)
Lead small groups in increasingly complex situations; receive feedback. Uses small-unit defensive tactics and opportunities to plan and conduct training for lower division students. Participation in three one-hour physical fitness sessions and one weekend exercise required; one or two additional weekend exercises may be offered.

**Mil 3132w. Leading Small Organizations II.** (3 cr; prereq ¶3130, #)
Continuation of 3131. Analyze tasks; prepare written or oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Plan for and adapt to the unexpected in organizations under stress. Apply lessons from leadership case studies. Examine the importance of ethical decision making and creating a positive atmosphere that enhances team performance. Participation in three one-hour physical fitness sessions required.

**Mil 3133s. Leading Small Organizations III.** (3 cr; prereq ¶3130, #)
Continuation of 3132. Emphasis on field-based training that prepares students to attend advanced camp at Fort Lewis, Washington. Participation in three one-hour physical fitness sessions and one weekend exercise required; one or two additional weekend exercises may be offered.

**Military Science IV**

**Mil 3140. Advanced Course Leadership Laboratory.** (1 cr per qtr [3 cr max]; prereq #)
Planning, coordinating, implementing, and evaluating training for and activities with basic course students and ROTC program as a whole. Develop, practice, and refine leadership skills by serving and being evaluated in a variety of responsible positions.

**Mil 3141f. Leadership Challenges and Goal Setting.** (3 cr; prereq ¶3140, #)
Plan, conduct, and evaluate activities of Army ROTC program. Assess organizational cohesion and develop strategies to improve it. Develop leadership and resource management skills. Apply various Army policies. Participation in three one-hour physical fitness sessions and one weekend exercise required; one or two additional weekend exercises may be offered.

**Mil 3142w. Transition to Lieutenant.** (3 cr; prereq ¶3140, #)
Continuation of 3141. Identify and solve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law as they relate to Army officer leadership. Participation in three one-hour physical fitness sessions required.

**Mil 3143s. Leadership Communications.** (3 cr; prereq ¶3140, #)
Continuation of 3142. Participation in three one-hour physical fitness sessions and one weekend exercise required; one or two additional weekend exercises may be offered.
The Naval Reserve Officers Training Corps (NROTC) offers the opportunity for qualified young men and women to earn commissions as Navy, Marine Corps, or Navy Nurse Corps officers as they complete requirements for a University degree. The NROTC program is the nation’s largest producer of naval officers.

During their four years of college, NROTC students (midshipmen) complete 41 credits of instruction in naval orientation, naval ship systems, seapower and maritime affairs, nautical navigation, organization, management, leadership, and ethics, plus 120 hours of professional training in military ceremonies, customs, and skills, including computer-based warfare simulations and various “hands-on” training opportunities.

Upon receiving their commissions, graduates move into various careers. A newly commissioned Navy ensign usually receives advanced specialty training and then is assigned to duty aboard a surface ship, nuclear-powered submarine, or with an aviation squadron. Newly commissioned Marine Corps second lieutenants attend The Basic School in Quantico, Virginia, following graduation. They then choose from several occupational fields, such as infantry, armor, aviation, artillery, intelligence, and engineering. Nurse program graduates are commissioned as Navy Nurse Corps officers and assigned to Navy medical facilities throughout the world.

**Student Categories**

Students who study and train with NROTC can be classified into three categories.

**Scholarship Students**—NROTC offers many scholarships. Scholarship students are appointed through an annual national selection process before college admittance or through competition with their peers after entering the NROTC program. Once appointed, students are designated as midshipmen in the Naval Reserve and receive a scholarship that covers all tuition, fees, and books plus a subsistence allowance of $150 per month for up to 40 months. Upon graduation and commission into the Naval or Marine Corps Reserve, they serve a minimum active duty obligation of four years.

**College Program Students**—These students are enrolled by the professor of naval science and frequently are “walk-ons” who join the NROTC program from the regular University student population. They are provided with uniforms and naval science textbooks, but pay their own tuition and fees. The college program consists of the basic (freshman and sophomore) and advanced (junior and senior) courses. Advanced course students are selected from the ranks of basic course students. Advanced course midshipmen receive a subsistence allowance of $150 per month for up to 20 months. Upon graduation and commission into the Naval or Marine Corps Reserve, they serve a minimum active duty obligation of three years.

College program students may apply for NROTC scholarships based on the professor of naval science’s recommendation. Special scholarship opportunities may be available for college program students at various points in the program.

**Naval Science Students**—Naval science students are associated with the Department of Naval Science for academic instruction only, e.g., for courses in navigation or organization and management. They register and pay fees in the same manner as for other University courses. These students do not wear uniforms, participate in summer training programs, or receive NROTC benefits. However, those who are eligible may apply for enrollment as NROTC college program or two-year scholarship program students.

**Programs**

The following NROTC programs and scholarship opportunities lead to rewarding careers as officers in the Navy or Marine Corps.

**Four-Year Scholarship Program**—This program educates and trains qualified young men and women for active duty as reserve officers in the Navy or Marine Corps.

Scholarship recipients are chosen by a national selection board and must be accepted by the University. The application deadline is December 1 for enrollment the following fall quarter.

Navy option scholarship students must successfully complete one year each of calculus and calculus-based physics before their junior year. In addition, they must successfully complete one quarter of the calculus requirement before the end of their freshman year. Marine Corps option scholarship students
have a slightly different sequence of naval science courses and are not required to fulfill the calculus or physics requirements.

Scholarship students are required to complete three summer training periods, for which they receive training pay. After completing naval science requirements and earning a bachelor’s degree, students are commissioned as officers in the Naval or Marine Corps Reserve and serve on active duty for a minimum of four years.

Students already enrolled in the college program may apply for the scholarship program if nominated by the professor of naval science and selected by the chief of naval education and training.

**Navy Nurse Corps Scholarship**—Four-year scholarships are available to students planning to pursue the bachelor of science degree in nursing (B.S.N.). Upon graduation, these students are commissioned as reserve officers in the Navy Nurse Corps. Eligibility and selection procedures are the same as for the regular four-year NROTC scholarship program.

**Four-Year College Program**—This program is for students who wish to serve their country as reserve officers in the Navy, Marine Corps, or Navy Nurse Corps. Participants are University freshmen selected by the professor of naval science.

There are almost no restrictions on undergraduate academic courses students may choose, provided they can be applied to a bachelor’s degree. Students must complete the basic (freshman and sophomore) and advanced (junior and senior) naval science course sequences and certain University courses before graduation. College program students are not required to fulfill the calculus and physics requirements that apply to the scholarship program. Instead, they may take any college-level math course and any science course. In addition, students attend a summer training cruise between their junior and senior years.

After graduation and completion of their naval science requirements, students are commissioned as ensigns in the Naval Reserve or second lieutenants in the Marine Corps Reserve and serve on active duty for a minimum of three years.

**Two-Year Scholarship Program**—This program provides the same NROTC benefits to college juniors and seniors as the four-year...
scholarship program. To qualify, applicants must have a 2.50 cumulative GPA. Navy option applicants must have successfully completed one year of calculus and must complete one year of calculus-based physics before graduation. Interested students should apply before March 1 of their sophomore year. Selected students must complete a six-week course of instruction at the Naval Science Institute (NSI) in Newport, Rhode Island. Following NSI, students enroll in the NROTC advanced course. Commissioning as a Navy ensign or Marine Corps second lieutenant follows successful completion of the program and carries an obligation to serve four years of active duty.

**Two-Year College Program**—Students attending or transferring to the University should apply to the two-year college program before March 1 of their sophomore year. Students selected must attend a six-week course of instruction at the Naval Science Institute (NSI) in Newport, Rhode Island.

Upon return to the University, they enroll in the college program advanced course. After graduation and commissioning, students incur a three-year active duty obligation. Any student finishing near the top of the NSI class may be offered a two-year NROTC scholarship. This includes full tuition plus the other scholarship program benefits, and also incurs a four-year active duty obligation.

**Naval Science Institute (NSI)**—Students selected for either of the two-year programs attend the Naval Science Institute (NSI) in Newport, Rhode Island, following their sophomore year. NSI provides a six-week course of instruction in naval science and professional training. While at NSI, students receive pay, uniforms, room and board, and transportation. Successful completion of NSI qualifies students to enroll in the NROTC advanced course.

**Summer Training**—NROTC offers exciting training opportunities. Each summer, NROTC midshipmen train around the world at Navy and Marine Corps bases and aboard U.S. Navy and allied foreign navy vessels of all types. Scholarship students participate in four to six weeks of training each summer while college program students attend training during the summer between their junior and senior years.

**Cross-Town Agreements**—Students who attend certain Twin Cities metro area colleges and universities are eligible to participate in any of the University of Minnesota NROTC programs and earn commissions as Navy or Marine Corps officers.

**Curriculum**

The naval science curriculum covers basic seamanship to fleet operations and provides intensive education in the art and science of being a naval officer. All midshipmen learn about the background and meaning of our national and naval traditions and the importance of professional and ethical performance. This awareness, combined with the opportunity to develop and practice basic leadership principles, affords them the inner confidence necessary to effectively lead others and assume the responsibilities of a Navy or Marine officer.

Midshipmen take the course sequence described below. During the second and third years, they take either the Navy or Marine Corps sequence. In addition to the specified courses, students attend NROTC professional training for two hours each week. During the junior and senior years, these sessions emphasize command and leadership skills. NROTC students must also take certain University courses specified by the Navy. Mgmt 3001—Fundamentals of Management is required during the senior year for Navy midshipmen.

Students register for NROTC courses in the same manner as for other courses in their academic programs. These courses carry academic credit and may be used to fulfill University degree requirements. Students who are not in the NROTC program may enroll in a naval science course as an elective with the instructor’s consent.
Naval Science (Nav) Course Descriptions

All NROTC Students—Each Year/Each Quarter

Nav 0204. Professional Training in Naval Science. (1 cr; prereq enrolled in NROTC; S-N only) Instruction and training in basic military subjects and professional development, including military leadership, close order drill, marksmanship, honors and ceremonies, personnel inspections, and computer-based war game simulations. Classes and small group seminars on leadership and ethics issues and case studies.

All NROTC Students—First Year

Nav 1101f. Fundamentals of Naval Science I. (2 cr; A-F only) Navy and Department of Defense organization, naval history and seapower, customs and traditions, officer and enlisted rank and rating structures, uniforms and insignia. Core values of the naval services introduced in the context of military discipline, Navy regulations, and the Uniform Code of Military Justice.

Nav 1102w. Fundamentals of Naval Science II. (2 cr) Emphasis on the mission, organization, and components of the Navy and Marine Corps. Officer communities, vessel and naval weapons types and characteristics, shipboard duties, seamanship, damage control, and safety. Major challenges facing today’s naval officer.

Nav 1103s. Seapower and Maritime Affairs. (3 cr, §Hist 5021, §Hist 5022) Historical influences on the development of the U.S. Navy from the American Revolution to the present. Examination of several critical, contemporary issues in naval/maritime affairs.

Naval Science (NAVY/MARINE ROTC)

Navy Sequence—Second Year

Nav 3301f. Naval Engineering I. (2 cr) Basic thermodynamics, main steam cycle, conventional fossil fuel propulsion systems, and nuclear power. Internal combustion engine and gas turbine fundamentals.


Marine Corps Sequence—Second Year

Nav 3352f. Evolution of Warfare I. (2 cr; prereq #) Principles of war. Case studies illustrating art and concepts of warfare from 3500 B.C. through the French Revolution. Interrelationships among political, strategic, operational, tactical, and technical levels of war.

Nav 3353w. Evolution of Warfare II. (2 cr; prereq #) Case studies illustrating military technology and theory from the Industrial Revolution through the armistice preceding World War II. Interrelationships among political, strategic, operational, tactical, and technical levels of war.

Nav 3354s. Evolution of Warfare III. (2 cr; prereq #) Case studies illustrating evolution of the art and science of warfare from World War II through Operation Desert Storm. Interrelationships among political, strategic, operational, tactical, and technical levels of war.

Navy Sequence—Third Year

Nav 1201f. Inland and Coastal Navigation. (3 cr) Theory and practical knowledge of how to pilot a ship near land. Topics include coordinate systems, chart reading, dead reckoning, fixes, running fixes, tides, currents, and anchoring.

Nav 1202w. Celestial and Electronic Navigation. (4 cr; prereq trigonometry, 1201) Theory and practical knowledge of positioning and navigation based on observing celestial bodies. Other advanced navigation techniques, including Global Positioning System (GPS). International nautical rules of the road.


Marine Corps Sequence—Third Year

Nav 3452f. Amphibious Warfare I. (2 cr; prereq #) Origins of amphibious warfare through the Gallipoli campaign. Case studies illustrating amphibious warfare’s characteristics, requirements, and problems.

Nav 3453w. Amphibious Warfare II. (2 cr; prereq #) Development of modern amphibious doctrine. Amphibious warfare planning and operations from World War I through World War II. Case studies illustrating amphibious warfare’s characteristics, requirements, and problems.

Nav 3454s. Amphibious Warfare III. (2 cr; prereq #) Post-World War II amphibious operations; present-day concepts of amphibious operational planning. Case studies illustrating amphibious warfare’s characteristics, requirements, and problems.

All NROTC Students—Fourth Year


Nav 3402w. Principles of Naval Management II. (3 cr) Practical management and leadership for the junior officer. Ethics and core values of the naval services. Case studies and problems in leadership, ethics, management, and professional development.

Nav 3403s. Principles of Naval Management III. (2 cr) Practical knowledge for the junior officer. Ethics and core values of the naval services. Case studies and exercises in administration, leadership, and personnel management. Officer programs and professional development.
The Air Force ROTC (AFROTC) program enables qualified men and women to work toward commissions as officers in the Air Force while completing requirements for a University degree. Students are commissioned as second lieutenants upon graduation.

The AFROTC curriculum emphasizes development of leadership and communication skills. Students learn ways in which the Air Force supports national policy. Leadership theory and its practical application in directing personnel and programs are emphasized.

AFROTC courses are offered by the Department of Aerospace Studies. Students register for these courses in the same manner as for other University courses.

Programs

AFROTC offers four-, two-, and one-year commissioning programs. Under the four-year program students register for AFROTC courses beginning in their freshman year and complete a four-year academic curriculum that includes a four-week field training encampment between their sophomore and junior years. Students electing the two-year program complete the last two years of the AFROTC program after attending a six-week field training encampment during the summer immediately preceding their last two years at the University. The one-year program is specifically for nursing, law, and electrical engineering students. Other arrangements are possible on a case-by-case basis.

The vast scope of the Air Force is difficult to portray in the classroom; Air Force cadets have the opportunity to visit bases for firsthand observation of how the Air Force operates. These trips are frequently made on weekends or scheduled to coincide with school vacation periods. Cadets may be flown by military aircraft to an Air Force base to tour facilities, receive mission briefings, and inspect aircraft and other technical equipment.

Scholarship Programs

AFROTC offers many scholarships. These scholarships may cover full tuition, fees, and books plus a $150 monthly, nontaxable allowance paid directly to the student. Three- and four-year scholarships are available on a competitive basis to high school seniors. Scholarship recipients are chosen by a national selection board. Applications are usually available early each summer, with a deadline of December 1 for enrollment the following fall quarter. Two- and three-year scholarships are available for current and transferring college students on a competitive basis; requirements for these scholarships vary considerably by academic degree. Two- and three-year noncompetitive scholarships are available to outstanding minority students.

Each AFROTC detachment has one three-year scholarship available to the most deserving freshman in the program. AFROTC also offers a noncompetitive, two-year scholarship (open to all degrees) that pays $2,000 per year for tuition, books, and fees plus the $150 monthly, nontaxable allowance. For the most current information about scholarship options and requirements, call (612) 624-2884.

Admission

Entry into the last two years of the AFROTC program is on a competitive basis. Candidates must

- pass the Air Force Officer Qualifying Test (AFOQT).
- pass an Air Force medical examination.
- have a GPA of 2.00 or higher.
- pass a physical fitness test and meet weight standards.
- complete field training (a four-week course for the four-year program; a six-week course for the two-year program).

Applicants selected for flight training must be able to complete graduation requirements and be commissioned before reaching 26[1/2] years of age. Other applicants must be able to complete graduation requirements before age 30, although deserving students may obtain a waiver to complete the requirements up to age 35. Note: public law currently prohibits AFROTC from giving scholarships to individuals who will be 27 or older before they graduate unless they are veterans.

Admission to AFROTC academic courses is open to all interested students with the approval of the Department of Aerospace Studies.

Note: Applicants interested in the two-year program should apply during the fall quarter of their sophomore year.
Benefits

AFROTC offers students a challenging position in the U.S. Air Force immediately after graduation in their choice of career fields. All cadets receive uniforms and AFROTC textbooks free throughout the program. All scholarship recipients and all cadets in their last two years of AFROTC receive $150 per academic month and may travel on any military aircraft (space-available status). All cadets also have the opportunity for orientation flights aboard Air Force aircraft and visits to Air Force bases.

Active Duty Requirements

Students not programmed for flight training incur a four-year active duty commitment. Those who enter the pilot and navigator programs incur a commitment of eight and six years active duty, respectively, after completing their training. Scholarship recipients who receive five years of scholarship benefits incur a five-year commitment.

Curriculum

The first two years of the aerospace studies course, General Military Course (GMC), consists of a one-credit course per quarter. The last two years, Professional Officer Course (POC), consists of a three-credit course per quarter.

In addition to the classroom study, all AFROTC cadets must complete 10 hours of Leadership Laboratory each quarter. Students taking the aerospace studies courses for academic credit only and not enrolled in AFROTC are exempt from the Leadership Laboratory requirement.

Course Descriptions (Air)

Any non-AFROTC University of Minnesota student can enroll in any of the academic courses with instructor approval.

All AFROTC Cadets—Each Year/Each Quarter

Air 1000. Leadership Laboratory. (1 cr; 5-N only)
Air Force customs and courtesies; drill and ceremonies; issuing military commands; instructing, direct and directing, and evaluating the preceding skills; career opportunities for commissioned officers. Planning and controlling cadet corps military activities; preparing and presenting briefings and other oral and written communications; providing interviews, guidance, and information to increase the understanding, motivation, and performance of other cadets.

Lower Division

Air 1104f. U.S. Air Force I. (1 cr)
Air Force customs, courtesies, and officership.

Air 1105w. U.S. Air Force II. (1 cr)
Overview of Air Force organization, installations, and basic communication skills.

Air 1106s. U.S. Air Force III. (1 cr)
Overview of military history. Teaches leadership principles through group leadership problems.

Air 1204f. Early History of Air Power and Written Communication Skills. (1 cr)
Beginnings of human flight; early military attitudes toward aviation; development of air doctrine and leaders who inspired it; uses of air power since WW I. Written Air Force communications.

Air 1205w. Development of Modern Employment of Air Power, Introduction to Leadership, Ethics, and Values. (1 cr)
Uses of air power from Cuban Missile Crisis through Vietnam War to the present. Collaboration/competition in group problem solving. Written communication review.

Air 1206s. Quality Air Force, Group Leadership Problems and Presentation Techniques. (1 cr)

Upper Division

Air 3301f. Air Force Communication and Leadership. (3 cr)
Air Force writing and military briefing skills. Leadership theory and applied leadership studies.

Air 3302w. Total Quality Management in the Air Force. (3 cr)
Commanding, counseling, officer professional development, establishing standards, ethics in military leadership. Introduction to the Quality Air Force (Total Quality Management).

Air 3303s. Air Force Management. (3 cr)
Role of officer as manager. Decision making, organizing, and staffing. Behavior processes.

Air 3401f. National Security Policy. (3 cr)
Examines U.S. foreign policy development and implementation. Develops military communication skills.

Air 3402w. Military Law and Service Orientation. (3 cr)
History and basic concepts of military justice; emphasis on origin, nature, and purpose of Uniform Code of Military Justice and Manual for Courts-Martial; relationship between military justice and military discipline; scope and nature of appellate review. Service orientation for newly commissioned officers.

Air 3403s. Air Force Roles/Active Duty. (3 cr)
Air Force issues, roles, and missions; preparing for active duty.