

# MILITARY SCIENCE

Military Science courses are open to students having an interest in physical and mental challenges, organizational leadership, management, history, and the military as a profession. Students attend one to three hours of formal instruction and one two-hour leadership laboratory per week. Students also enroll in physical training three times a week. Military Science courses are the path to receiving an active or reserve Army commission and a three or four year tour of service as an officer leader. Students may complete for scholarships through the Army ROTC Program. (See “Scholarships” for further information.)

Participation in the Reserve Officer Training Corps (ROTC) and the signing of an agreement for military service following graduation are not required for taking the freshman and sophomore military science courses (101a, 101b, and 102a, 102b). These courses are excellent opportunities for students interested in gaining leadership experience. All students interested in attending the Army’s Leadership Training Program in the summer are highly encouraged to enroll in Military Science 102b.

## The Faculty

Professor: Douville (Chair); Assistant Professors: Fitch, Lo, and Schleunig

## Courses

### 1a. Analysis of Key 20th-Century Battles.

A survey of selected battles in World War II, Korea and Operation Desert Storm in which students analyze the decisions made by the opposing commanders, the maneuvers of the opposing forces, intelligence considerations and logistics management based on the principles of war and present U.S. Army warfighting doctrine (the AirLand Battle). Extensive student discussion is included in each class meeting. One-half course credit. First semester. Lo

### 89. Riflery.

The purpose of this course is to introduce students to the fundamentals, principles and techniques of safe rifle/pistol marksmanship. Two primary objectives of this course are to give beginners an awareness of firearms safety and an appreciation for the sport of shooting. Physical education (PE) credit. First and second semester. Staff

### 99. Army Physical Training Program.

This course is designed on the Army’s current physical fitness training philosophy of cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition training. It includes a wide variety of events to include: unit distance runs and ability groups, circuit training, upper and lower body strength drills, swimming, and road marching. The course helps to instill the fundamentals of conditioning and expose students to a variety of conditioning drills that can be incorporated into an individual fitness program for life. Additionally, the course teaches team building and esprit de corps utilizing standard Army training doctrine. Physical education (PE) credit. First and second semester. Staff

### 101a. The Basics of Leadership Development.

A basic overview of leadership skills with a primary focus on leadership in a military environment. Students will become acquainted with the military confidence-building techniques of rappelling and marksmanship. Students also receive instruction on the precepts of the Army’s Leadership Development Program. Leadership laboratories and physical training are an integral part of the course, and the field training exercises and social events are highly encouraged. No credit. First semester. Staff

### 101b. Introduction to Individual Military Skills.

This course is designed to develop the first year Military Science student’s leadership, land navigation (map reading), survival and basic military qualification skills. The course incorporates class lecture, discussion, practical exercises and field trips. Leadership laboratories and physical training are an integral part of the course and the field training exercises and social events are highly encouraged. No credit. Second semester. Staff

### 102a. Self/Team Development.

Learn/apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams of people. Develop skills in oral presentations, writing concisely, planning of events,

coordination of group efforts, land navigation and basic military movement techniques and tactics. Learn techniques for training others as an aspect of continued leadership evaluation. Two-hour classroom followed by two-hour lab weekly. Participation in scheduled weekend exercises dependent on cadet status and scheduling. Participation in Leadership Laboratory is required of enrolled cadets. One-half course credit. First semester. Staff

**102b. Introduction to Military Operations and Leadership.**

This course provides basic leadership and technical skills of military operations. Students learn leadership, order preparation, problem analysis, backward planning, oral and written communication concepts and skills. Students develop strategies to allocate scarce resources such as time, personnel, and equipment, to accomplish team goals and objectives. Constant feedback on small group leadership identifies and develops both technical, tactical and leadership problem areas. Technical skills developed include land navigation, basic infantry tactics, communications and orders processes. All students interested in attending the Army's Leadership Training Program in the summer Participation in Leadership Laboratory required. One-half course credit. Second semester. Staff

**103a. Intermediate Leadership and Management I.**

In this course students practice and assess resource allocation to accomplish goals and tasks. Students are evaluated on their ability to communicate, plan, and make decisions as they face difficult and immediate situations. Students utilize small group dynamics theory, practice leadership, and use advanced tactical concepts as they are applied to real situations. The students will teach, prepare briefings, conduct problem analysis, organize events, and synchronize activities using real problems and situations. Advanced tactical concepts, personnel, and organizational leadership theory are discussed and applied. Participation in Leadership Laboratory required. One-half course credit. Prerequisite: Military Science 102b, or permission of instructor. First semester. Lo

**103b. Intermediate Leadership and Management II.**

In this course students examine the practice of command. Students study planning, supervising, leading and decision-making as it applies to a host of different leadership situations. Students will conduct all essential planning to complete an operation: allocate resources and execute training time, equipment, and resources. Participants develop competencies and confidence through leadership in realistic training scenarios. Students also analyze, brief, and write in a multitude of settings and conditions designed to assess and develop critical thinking skills. Participation in Leadership Laboratory required. One-half course credit. Prerequisite: Military Science 103a, or permission of instructor. Second semester. Lo

**154a. Advanced Leadership and Management I.**

This course develops leadership, technical, and tactical skills. Participants conduct practical exercises and cadre assess their acquired skills. Students use a team approach as they take charge of teaching, planning, organizing, and writing detailed directions and orders. Students are assigned cadet command and staff positions. They plan and supervise several activities from a middle manager level, synchronizing the execution for optimum performance. The course also includes study of combat leadership, as well as administration, training, logistics allocation, and management concepts. Participation in Leadership Laboratory required. One-half course credit. Prerequisites: Military Science 103a and 103b, or permission of instructor. First semester. Douville

**154c. Advanced Leadership and Management II.**

This course completes the sequence of ROTC courses and culminates with detailed, professionally written documents, synchronized training activities, project management, and supervision of up to 150 students during stand alone training. This course requires teaching, assessing, planning, organizing, resourcing, and executing a number of training activities. Additional concepts explored are military ethics, law of war, just war theory, and counseling techniques, as well as the allocation and management of resources. Participation in Leadership Laboratory required. One-half course credit. Prerequisite: Military Science 154a, or permission of instructor. Second semester. Douville