

# MILITARY SCIENCE (U.S. ARMY)

The Department of Military Science is a leadership program leading to an officer's commission in the Active Army, Army Reserve or National Guard in conjunction with an undergraduate or graduate degree. Military science courses supplement a regular degree program and offer practical leadership and management experience. Scholarships are available for those that qualify. Additionally, financial benefits may be available for enlisted soldiers.

The course code for this program is MILR.

## Scholarship Programs

College freshmen, sophomores and juniors may be eligible for four-, three- and two-year scholarships, regardless of academic major. Interested students must enroll in Army ROTC and meet eligibility requirements, including an army physical fitness test.

High school scholarship applicants may be eligible for four- and three-year college scholarships. High school students can apply during their junior year and before January 10 of their senior year.

All scholarship recipients receive full tuition and fees, a \$1,200 book allowance and a stipend of \$300–500 per month during the academic year. Students interested in scholarships should contact the enrollment and scholarship officer at [armyrotc@colorado.edu](mailto:armyrotc@colorado.edu), 303-492-3549 or 303-492-6495.

## Simultaneous Membership Program

College sophomore and juniors who want additional leadership training, may participate with an Army Reserve or Army National Guard unit as an officer trainee. Students participating in this program earn approximately \$240 in monthly drill pay, plus a monthly ROTC stipend of \$300–500. Additionally, SMP participants receive Army National Guard or reserve tuition benefits of up to \$4,500 per year. Enlisted and prior service students retain their authorized GI benefits.

## Army ROTC Course Credit

ROTC is an elective credit in most departments. Individual academic advisors verify if ROTC classes count toward the student's degree.

## Registration

Army ROTC classes begin with MILR prefix. Register for classes through the normal course registration process. For more information, visit the the Army ROTC (<http://www.colorado.edu/arotc/>) website or contact the enrollment and scholarship officer at CU Boulder at [armyrotc@colorado.edu](mailto:armyrotc@colorado.edu), 303-492-3549 or 303-492-6495.

## Requirements

### Four-Year Program

For college freshmen, the four-year program consists of two phases: the basic course (freshman and sophomore years) and the advanced course (junior and senior years).

### Basic Courses (MSI & MSII)

Basic courses (MSI & MSII) cover Army history and organization, as well as military leadership and management. Labs provide the opportunity

to develop leadership experience while learning basic military skills. Participating in the basic courses incur no military obligation, except for those receiving an Army scholarship.

### Advanced Courses (MSIII & MSIV)

Advanced courses (MSIII & MSIV) cover leadership, tactics and unit operations, training techniques, military law and professional ethics. Additionally, a four-week summer leadership camp at Fort Knox, Kentucky, is a requirement between the junior and senior year, and is a prerequisite for commissioning. Students enrolled in the advanced courses must have completed the basic courses (or the equivalent) and obtain permission from the Professor of Military Science (PMS).

## Two-Year Program

College students entering as a sophomore, junior or senior with four semesters of college remaining (including Grad School), can attend the two-year Basic Camp, which is a 4-week course conducted at Fort Knox, Kentucky, where students learn the same skills and fundamentals of military science, leadership, values and ethics taught in the basic course classes. Then students are ready to begin the advanced course when they return to college. Basic Camp is a paid internship and the academic equivalent to the MSI/MSII basic courses.

Prior service and enlisted soldiers who have completed basic training may be eligible to enroll in the advanced course without attending Basic Camp or completing the ROTC basic courses. Enlisted soldiers pursuing advanced placement must obtain permission from the PMS.

## Faculty

Braun, Joel D.  
Captain, Assistant Professor; MBA, Western International University

Cacic, John D.  
Captain, Assistant Professor; MBA, Central Michigan University

Cairney, John T.  
Colonel, Chair, Professor; MS, Air Force Institute of Technology

Dawson, Edward E.  
Lieutenant, Assistant Professor; BS, The Citadel

Freund, Karl  
Sergeant, Military Science Instructor

Garbers, Patrick  
Assistant Professor; Contractor, U.S. Army; BS, Chapman University

Gough, Michael J.  
Colonel, Chair, Professor; MS, Naval Postgraduate School

Hale, Bobby L.  
Captain, Assistant Professor; MBA, Columbia Station University

Johanson, Luke  
Captain, Assistant Professor; MA, Northern Arizona University

Kelley, Rebecca  
Captain, Assistant Professor; MA, Purdue University

Knutson, Joel P.  
Major, Assistant Professor; BA, Pacific Lutheran University

Lawson, Duane W.  
Lieutenant, Assistant Professor; BS, University of Florida

League, Dustin R.

Lieutenant, Assistant Professor; BS, University of Kansas

Lojka, Jason

Lieutenant Colonel, Chair, Professor; MS, Naval Postgrad School

Morgan, Walt

Commander, Associate Professor; MA, Naval War College

Palermo, Scott

Major, Assistant Professor; MS, Webster University

## Courses

### **MILR 1011 (2) Adventures in Leadership 1**

Introduces fundamentals of leadership and the United States Army. Examines its organization, customs, and history as well as its current relevance and purpose. Students also investigate basic leadership and management skills necessary to be successful in both military and civilian settings. Includes fundamentals of Army leadership doctrine, team-building concepts, time and stress management, an introduction to cartography and land navigation, marksmanship, briefing techniques, and some basic military tactics.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 1021 (2) Adventures in Leadership 2**

Continues the investigation of leadership in small organizations. Covers selected topics such as basic troop leading procedures, military first aid and casualty evacuation concepts, creating ethical work climates, an introduction to Army organizations and installations, and a further examination of basic military tactics. Introduces students to effective military writing styles.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 2031 (3) Methods of Leadership and Management 1**

Comprehensively reviews advanced leadership and management concepts including motivation, attitudes, communication skills, problem solving, human needs and behavior, and leadership self development. Students continue to refine effective written and oral communications skills and to explore topics such as the basic branches of the Army, and officer and NCO duties. Students conduct classroom and practical exercises in small unit light infantry tactics and are prepared to perform as midlevel leaders in the cadet organization.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 2041 (3) Methods of Leadership and Management 2**

Focuses on leadership and management functions in military and corporate environments. Studies various components of Army leadership doctrine to include the four elements of leadership, leadership principles, risk management and planning theory, the be-know-do framework, and the Army leadership evaluation program. Continue to refine communication skills.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 3052 (3) Military Operations and Training 1**

Further explores the theory of managing and leading small military units with an emphasis on practical applications at the squad and platoon levels. Students examine various leadership styles and techniques as they relate to advanced small unit tactics. Familiarizes students with a variety of topics such as cartography, land navigation, field craft and weapons systems. Involves multiple, evaluated leadership opportunities in field settings and hands-on experience with actual military equipment. Students are given maximum leadership opportunities in weekly labs.

**Recommended:** Prerequisite instructor consent.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 3062 (3) Military Operations and Training 2**

Studies theoretical and practical applications of small unit leadership principles. Focuses on managing personnel and resources, the military decision making process, the operations order and oral communications. Exposes the student to tactical unit leadership in a variety of environments with a focus on preparation for the summer advance camp experience.

**Recommended:** Prerequisite instructor consent.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 3090 (1) Military Theory and Tactical Leadership**

Application of military domain knowledge, small unit leadership skills and education on various subjects germane to military operations. Examination of military tactics, techniques and procedures to better understand how to successfully accomplish multiple military requirements. Instructor consent required. MSV students do not need to be enrolled in a MILR corequisite.

**Repeatable:** Repeatable for up to 9.00 total credit hours. Allows multiple enrollment in term.

**Requisites:** Requires a corequisite course of MILR 1011 or 1021 or 2031 or 2041 or 3052 or 3062 or 4072 or 4082.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 4072 (3) Leadership 1: Adaptive Leadership**

Develops leaders of character that will excel in a complex, ambiguous and dynamic future operating environment: discusses personal growth, effective communication, critical thinking, problem solving and ethical leadership.

**Recommended:** Prerequisite instructor consent.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 4082 (3) Leadership 2: Leadership in a Complex World**

Develops leaders of character that will excel in a complex, ambiguous and dynamic future operating environment: develops universal leadership attributes such as critical thinking and problem solving, understanding the contemporary operating environment and improved inter-personal dynamics/team building skills.

**Recommended:** Prerequisite instructor consent.

**Additional Information:** Departmental Category: Military Science (U.S. Army)

### **MILR 4840 (1-3) Independent Study**

**Additional Information:** Departmental Category: Military Science (U.S. Army)