

# MILITARY SCIENCE

Students desiring to expand the scope of their education, while preparing for a dynamic and rewarding career as an officer in the United States Army, Active Duty, National Guard or Army Reserve, choose the Army Reserve Officer Training Corps program (ROTC) as an adjunct to their chosen field of study. With courses dealing in a wide range of subjects from leadership to tactics, taught both indoors and out, the Army ROTC program produces over 5,000 second lieutenants each year across the nation.

The Army ROTC program consists of a basic course and an advanced course. Students desiring to see what the program is like may enroll in up to 13 hours of military science with no commitment to the United States Army. During this basic course, emphasis is placed upon leadership, war gaming, individual skills, problem-solving, rappelling and land navigation. All lower-division ROTC courses are open to the entire University community regardless of year in school.

Students committing themselves to a commission in the United States Army are required to enroll in the Army ROTC advanced course upon completion of the basic course or equivalent. The advanced course consists of 12 hours of academic work taken during the junior and senior year. In addition, participation in a five-week summer camp is mandatory. The advanced course emphasizes further development of leadership skills, offensive and defensive tactics, physical conditioning, ethics, military law, professional and basic military knowledge and skills. Additionally, advanced course students are responsible for use of required military skills as they act as assistant instructors during laboratory periods, plan leadership laboratories, plan and conduct field training exercises and are responsible for coordinating and supervising departmental extracurricular activities. In addition there are several students who join Army ROTC in the simultaneous Membership Program in which they are both students in the ROTC and members of the Army Reserve or Oklahoma National Guard. This provides tremendous experience and economic benefit.

All advanced course students must satisfy directed professional military education (PME) requirements prior to receiving a commission. Commissioning through ROTC consists of two essential parts—a baccalaureate degree and completion of the advanced course requirements to include an upper-division military history course.

Students interested in the Department of Military Science are encouraged to visit with departmental faculty members at any time for further information concerning departmental course offerings and class sequence. A number of two- and three-year scholarships are available through the department. Prior enrollment in military science is not a prerequisite for departmental scholarship application.

## Courses

### MLSC 1113 Foundations of Officership

**Description:** Lecture: Team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, presentations and basic marksmanship. Fundamentals of leadership. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1112.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

### MLSC 1213 Basic Leadership

**Description:** Lecture: Principles of effective leading, communication skills and organizational ethical values. Optional weekend exercise. Lab: Learning and practicing basic skills such as rappelling, drill and ceremony, land navigation, individual first aid, individual training in small unit tactics. Previously offered as MLSC 1212.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

### MLSC 2122 Leader's Training Course

**Prerequisites:** Must meet with Department head and have their approval.

**Description:** For students who have not completed all of basic ROTC. A four-week summer camp similar to Army Basic Training. No military obligation incurred. Completion of MLSC 2122 qualifies a student for entry into the Advanced Course.

**Credit hours:** 2

**Contact hours:** Lab: 4 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

### MLSC 2130 Military Physical Conditioning

**Prerequisites:** Must meet with department head and have their approval.

**Description:** Participation in and learning to plan and lead a physical fitness program. Development of an individual fitness program and the role of exercise and fitness in person's life. Offered for 1 hour fixed credit. Maximum of 2 credit hours.

**Credit hours:** 1

**Contact hours:** Lab: 2 Contact: 2

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Military Science

### MLSC 2233 Individual Leadership Studies

**Description:** Ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Skills in oral presentation, writing, planning, coordinating groups, land navigation and basic military tactics.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Military Science

**MLSC 2313 Leadership and Teamwork****Prerequisites:** MLSC 2233.**Description:** Individual and team aspects of military tactics in small unit operations. Safety assessment, movement techniques, planning for team safety and security and methods of pre-execution checks. Training techniques for continued leadership development.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 3113 Leadership and Problem Solving****Prerequisites:** Completion of lower-division MLSC or equivalent, and approval of professor of military science.**Description:** Practical opportunities to lead small groups in situations of increasing complexity receiving personal assessments and encouragement. Use of small unit defensive tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 3223 Leadership and Ethics****Prerequisites:** MLSC 3113.**Description:** Analysis of tasks; preparation of written or oral guidance for team members to accomplish tasks. Delegating tasks and supervising. Planning and adapting to the unexpected in organizations under stress. Examination and application of lessons from leadership case studies. Examination of importance of ethical decision-making in setting a positive climate that enhances team performance.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 4014 Leader Development and Assessment Course****Prerequisites:** Must meet with Department Head and have their approval.**Description:** A five-week camp conducted at an Army post. Individual leadership and basic skills performance.**Credit hours:** 4**Contact hours:** Lab: 8 Contact: 8**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Military Science**MLSC 4123 Leadership and Management****Prerequisites:** MLSC 3113 and MLSC 3223.**Description:** Planning conducting and evaluating activities of the ROTC cadet organization. Articulating goals, putting plans into action to attain them. Assessing organizational cohesion and developing strategies to improve it. Developing confidence in skills to lead people and manage resources.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 4223 Officership****Prerequisites:** MLSC 3113 and MLSC 3223.**Description:** Continuation of the methodology from MLSC 4123. Identification and resolution of ethical dilemmas. Refining counseling and motivating techniques. Examination of aspects of tradition and law as related to leading as an officer in the Army.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Military Science**MLSC 4422 The Tactical Planning Process****Prerequisites:** Must meet with department head and have their approval.**Description:** The tactical planning process and its components. Computer tactical simulations used to organize and synchronize the process.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Military Science

## Minors

- Military Science (MLSC), Minor (<http://catalog.okstate.edu/arts-sciences/military-science/military-science-minor/>)

## Faculty

**Professor of Military Science and Head:** Major Kyle Ferguson**Assistant Professors:** MSG Steven Adams; CPT Burns Farley; CPT Dustin Gabbert; SFC Adam Quintana; Mr. Jonathan Taylor; Mr. Dennis Slaton