

Military Science (MIL SCI)

Courses

MIL SCI 1 Leadership Laboratory 0.0 Units

Terms offered: Fall 2025, Spring 2025, Fall 2024

The instruction includes organization and management of military units, physical training, drill and ceremonies, land navigation techniques, survival skills, and extensive first aid training.

Rules & Requirements

Credit Restrictions: The laboratory may be taken for eight semesters.

Repeat rules: Course may be repeated for credit without restriction.

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of laboratory per week

Summer: 8 weeks - 4 hours of laboratory per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Offered for pass/not pass grade only. Final exam not required.

MIL SCI 2 Introduction to the Army and Critical Thinking 1 Unit

Terms offered: Fall 2025, Fall 2024, Fall 2023

The purpose of this one credit hour seminar style course is to introduce the student to issues and competencies that are central to a commissioned officer's responsibilities. These initial lessons establish a framework for understanding officership, leadership, and the Army values. Additionally, the semester addresses "life skills" including comprehensive fitness, goal setting, cultural understanding, and time management. This course is designed to give accurate insight into the Army profession and the officer's role within the Army and to lay the foundation for further leadership development.

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

MIL SCI 3 Introduction to the Profession of Arms 1 Unit

Terms offered: Spring 2025, Spring 2024, Spring 2023

This course overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefings, providing feedback, and using effective writing skills. Students will explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises.

Hours & Format

Fall and/or spring: 15 weeks - 1 hour of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Barnes

MIL SCI 100 Leadership and Decision Making 2 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

The purpose of this two credit hour course is to develop the student's knowledge of self-awareness, self-confidence, and individual leadership skills. Through experiential learning activities, students develop problem solving and critical thinking skills, and apply communication, feedback, and conflict resolution skills. The course includes an introduction to the Army's operations order and troop leading procedures in the context of decision making applications.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

MIL SCI 101 Army Doctrine and Team Development 2 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

This course examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). This course highlights the application of Army doctrine for offensive and defensive operations as context for tactical decision making and team building. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the face of ethical and cultural dilemmas.

Hours & Format

Fall and/or spring: 15 weeks - 2 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

Instructor: Barnes

MIL SCI 131 Training Management and the Warfighting Functions 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This course studies the practice and application of the fundamentals of Army leadership, officership, Army values and ethics, personal development, and small unit tactics. Students will focus on how to train fundamental tactical skills and explore the Army's capabilities and limitations within each warfighting function.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

MIL SCI 132 Applied Leadership in Small Unit Operations 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

This course examines the role communications, values, and ethics play in effective leadership at the platoon level. Topics covered include ethical decision-making, consideration of others, emotional intelligence, and a survey Army leadership doctrine. There is also added emphasis on improving each student's oral and written communication abilities.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Summer: 3 weeks - 11.5 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam not required.

MIL SCI 141 The Army Officer 3 Units

Terms offered: Fall 2025, Fall 2024, Fall 2023

This course explores the application of mission command and the Army profession to address the dynamics of leading in the complex situations of current military operations. Students will examine differences in culture, military law, principles of war, and rules of engagement in the face of international terrorism. Students will also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on developing the characteristics of an effective Army officer by utilizing historical case studies and scenarios to prepare students to face complex ethical leadership challenges.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

MIL SCI 142 Company Grade Leadership 3 Units

Terms offered: Spring 2025, Spring 2024, Spring 2023

This course explores leadership in a complex operational environment and applies the Army's operating concept and doctrine to conduct battle analysis briefings and to research the impacts of global partners, threats, challenges, and opportunities (PTCO). It introduces practical platoon leader knowledge for unit relationships, maintenance, supply, and finance requirements. Students will examine the Art of Command by using mission command scenarios to prepare them to face the complex ethical demands inherent in serving as a commissioned officer in the United States Army.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Undergraduate

Grading/Final exam status: Letter grade. Final exam required.

MIL SCI 431 Applied Team Leadership 3 Units

Terms offered: Fall 2011, Fall 2010, Fall 2009

This course is an academically challenging course where you will study, practice, and apply the fundamentals of Army leadership, officership, army values and ethics, personal development, and small unit tactics at the team and squad level.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Other professional

Grading: Letter grade.

MIL SCI 432 Leadership and Ethics 3 Units

Terms offered: Spring 2012, Spring 2011, Spring 2010

This course examines the role communications, values, and ethics play in effective leadership. Topics covered include ethical decision-making, consideration of others, spirituality in the military, and a survey Army leadership doctrine. There is also added emphasis on improving each student's oral and written communication abilities.

Rules & Requirements

Prerequisites: Consent of instructor

Hours & Format

Fall and/or spring: 15 weeks - 3 hours of lecture per week

Summer: 3 weeks - 11.5 hours of lecture per week

Additional Details

Subject/Course Level: Military Science/Other professional

Grading: Letter grade.