Military Science (Army ROTC)

Director
• William Todd Kuebler

Undergraduate minor: military science
Website: https://veterans.uiowa.edu/army-rotc

Military Science Courses

MILS:1010 Leadership and Personal Development
MSL101 (1 s.h.)
Introduction to the personal challenges and competencies critical for effective leadership; how skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the army as a profession; dimensions of army leadership; understanding of the ROTC program, its purpose in the army, its advantages for students. Offered fall semesters.

MILS:1020 Introduction to Tactical Leadership
MSL102 (1 s.h.)
Leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, using effective writing skills; leadership values, attributes, skills, and actions explored through hands-on, interactive exercises; cadre role models, development of strong relationships among students through common experience, practical interaction. Offered spring semesters.

MILS:1090 Leadership Laboratory
MSL1090 (0 s.h.)
Hands-on training in basic soldier skills, such as customs and courtesies, drill and ceremony, first aid, weapons employment, troop movement techniques; leadership training for U.S. army officership.

MILS:1095 Advanced Military Fitness Training
MSL1095 (1 s.h.)
Aerobics and running, muscular strength and endurance, flexibility, and nutrition through exercise and classroom instruction; how to evaluate and measure fitness improvement; developed around Army physical fitness training program.

MILS:2010 Innovative Team Leadership MSL201 (2 s.h.)
Dimensions of creative, innovative tactical leadership strategies and styles explored through team dynamics and historical leadership theories (trait and behavior) central to the Army leadership framework; personal motivation and team building through planning, executing, and assessing team exercises and participating in leadership labs; continued development of leadership values and attributes through understanding army rank, structure, duties, basic aspects of land navigation and squad tactics; case studies on soldier’s creed and warrior ethos in the contemporary operating environment. Offered fall semesters.

MILS:2020 Foundations of Tactical Leadership
MSL202 (2 s.h.)
Challenges of leading tactical teams in the complex contemporary operating environment; dimensions of terrain analysis, patrolling, operation orders; theoretical basis of the army leadership framework, dynamics of adaptive leadership in the context of military operations; self-assessment of cadet leadership styles, practice in communication and team building skills; case studies on importance and practice of teamwork and tactics in real-world scenarios. Offered spring semesters.

MILS:3010 Adaptive Tactical Leadership
MSL301 (3 s.h.)
Study, practice, and evaluation of adaptive leadership skills in challenging scenarios related to squad tactical operations; feedback on cadets’ leadership attributes and actions, continued development of leadership and critical thinking abilities; development of tactical leadership abilities in preparation for Leadership Development and Assessment Course (LDAC). Offered fall semesters. Corequisites: MILS:1090 and MILS:1095. Requirements: MILS:1010 and MILS:2010 and MILS:2020; or completion of army basic training or Leader’s Training Course.

MILS:3020 Leadership in Changing Environments
MSL302 (3 s.h.)
Development of cadet awareness and tactical leadership to platoon level, through increasingly intense situational leadership challenges; experience reviewing combat, stability, and support operations, conducting military briefings, developing proficiency in garrison operation orders; focus on exploring, evaluating, and developing skills in decision-making, persuasion, and motivation of team members in a contemporary operating environment; preparation for summer Leader Development Assessment Course. Offered spring semesters. Prerequisites: MILS:3010. Corequisites: MILS:1090 and MILS:1095. Requirements: MILS:1010 and MILS:1020 and MILS:2010 and MILS:2020; or completion of army basic training or Leader’s Training Course.

MILS:3121 Readings in Contemporary Military Issues
MSL3121 (1-3 s.h.)
Preparation of book reviews from a reading list provided by the instructor, with topics ranging from historical battles and campaigns to global impact of U.S. political policies; or writing of an operations order relating to an ROTC event or similar project of historical significance (work in conjunction with instructor). Requirements: MILS:1010 and MILS:1020 and MILS:2010 and MILS:2020; or completion of army basic training or Leader’s Training Course.

MILS:4010 Developing Adaptive Leaders
MSL401 (3 s.h.)
Development of proficiency in planning, executing, and assessing complex operations, functioning as member of a staff, providing performance feedback to subordinates; experience assessing risk, making ethical decisions, leading fellow cadets; military justice and personnel processes in preparation for officership; identification of key staff responsibilities, coordination of staff roles, use of situational opportunities to teach, train, and develop subordinates. Offered fall semesters. Prerequisites: MILS:3020 and MILS:3010. Corequisites: MILS:1090 and MILS:1095.
MILS:4020 Leadership in a Complex World
MSL402 3 s.h.
Leadership dynamics in complex military operations of the contemporary operating environment; differences in customs and courtesies, military law, principles of war, rules of engagement in the face of international terrorism; interaction with nongovernmental organizations, civilians on the battlefield, host nation support; ethical and practical demands on army commissioned officers; preparation for first unit assignment through case studies, scenarios, exercises. Offered spring semesters. Prerequisites: MILS:3010 and MILS:4010 and MILS:3020. Corequisites: MILS:1090 and MILS:1095.