Military Science (Army ROTC)

Head

• Zachary J. Buettner

Undergraduate minor: military science
Faculty: https://uiowa.edu/armyrotc/contact#overlay-context=contact
Website: https://uiowa.edu/armyrotc/

The Military Science Program administers the Iowa Army Reserve Officers' Training Corps (ROTC). It gives students who wish to serve on active or reserve status in the U.S. Army the opportunity to earn commissions as army officers. It also administers merit scholarships from the United States government to qualified students.

Although the Military Science Program does not offer degrees, students can earn a minor in military science. ROTC courses provide education in the military’s role and instruction in leadership and management. The program’s courses are an essential part of the Iowa ROTC program, which competes annually in national leadership assessments.

Military Science Program courses are open to all students. Course credit that counts toward graduation varies by college. Students in the College of Liberal Arts and Sciences may count up to 20 s.h. earned in military science courses toward graduation.

Undergraduate and Graduate Programs

Basic Course

The ROTC Basic Course is designed primarily for first- and second-year students. It provides the fundamentals of leadership and management and introduces the roles of the military as influenced by national and foreign policy. Students incur no obligation to the military for participation in the Basic Course.

The following four courses satisfy the Basic Course requirement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MILS:1090 Leadership Laboratory</td>
<td>0</td>
<td></td>
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<tr>
<td>MILS:1095 Advanced Military Fitness Training</td>
<td>1</td>
<td></td>
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<tr>
<td>MILS:3010 Adaptive Tactical Leadership MSL101</td>
<td>3</td>
<td></td>
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<tr>
<td>MILS:3020 Leadership in Changing Environments MSL302</td>
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Additional Course Work

Cadets whose aim is a commission must satisfy a Professional Military Education (PME) requirement. They must complete at least one course in military history from the following list. The History That Made Our World (HIST:1016) can be used to satisfy the College of Liberal Arts and Sciences GE CLAS Core. Cadets may use other courses to meet the additional course work requirement, with the military science professor’s approval.

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<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>HIST:1016 The History That Made Our World</td>
<td>3</td>
<td></td>
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<tr>
<td>HIST:3271 American Revolutionary Period</td>
<td>3</td>
<td></td>
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<tr>
<td>HIST:4256 The Progressive Era in America</td>
<td>3</td>
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<tr>
<td>HIST:4264 U.S.A. in a World at War 1931-1945</td>
<td>3</td>
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<tr>
<td>HIST:4268 The Contemporary U.S. 1940-Present</td>
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Scholarship Opportunities

Military Science offers two-, three-, and four-year ROTC scholarships for students who enter the ROTC program. These scholarships pay full tuition at the University of Iowa,
an allotment for books and supplies each semester, most
mandatory educational fees, and a tax-free monthly stipend
during the academic year.

Programs

Undergraduate Program of Study
Minor

• Minor in Military Science

Courses

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
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. Offered fall and spring semesters.

MILS:1095 Advanced Military Fitness Training
MSL105  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. Offered fall and spring semesters.

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:1020 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 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: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.