

# Military Science and Leadership

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**Chairperson: Ioannis E. Kiriazis, Lt. Col.**

Department of Army ROTC website (<http://www.marquette.edu/rotc/army>)

The Department of Military Science and Leadership (Army ROTC) was established under the auspices of the Klingler College of Arts and Sciences at Marquette University in 1951. Army ROTC (AROTC) is a leadership development program consisting of three interconnected components: 1) on-campus, 2) off-campus and 3) the Leadership Development Program (LDP). By design, the three components provide seamless, progressive and sequential leader development and prepare men and women to receive commissions as second lieutenants in the U.S. Army, Army National Guard or the U.S. Army Reserve.

For more information see the Reserve Officers' Training Corps (<http://bulletin.marquette.edu/undergrad/academicprograms/militaryprograms/#armyrotc>) section of this bulletin.

## Minor in Military Science and Leadership

The minor in military science and leadership consists of 27 credit hours of MISL courses as listed below.

MISL 1001	Military Physical Training Laboratory 1	1
MISL 1002	Military Physical Training Laboratory 2	1
MISL 2001	Military Physical Training Laboratory 3	1
MISL 2002	Military Physical Training Laboratory 4	1
MISL 3001	Military Physical Training Laboratory 5	1
MISL 3002	Military Physical Training Laboratory 6	1
MISL 4001	Military Physical Training Laboratory 7	1
MISL 4002	Military Physical Training Laboratory 8	1
MISL 1100	Foundations of Officership	1
MISL 1200	Basic Leadership	1
MISL 1800	American Crucible: The Military and the Development of the United States	3
or HIST 3118	American Military History	
MISL 2100	Individual Leadership Studies	2
MISL 2200	Leadership and Teamwork	2
MISL 3100	Leadership and Problem Solving	2
MISL 3101	Applied Leadership Laboratory 1	1
MISL 3200	Leadership and Ethics	2
MISL 3202	Applied Leadership Laboratory 2	1
MISL 4100	Officership	2
MISL 4101	Advanced Leadership Laboratory 1	0
MISL 4200	Leadership and Management	2
MISL 4202	Advanced Leadership Laboratory 2	0
Total Credit Hours		27

### Notes:

- The required history for senior AROTC students is HIST 3118 American Military History or MISL 1800 American Crucible: The Military and the Development of the United States, offered fall and spring terms.
- Army Reserve Officers' Training Corps students should note that when most majors are combined with the Military Science and Leadership program, graduation and commissioning requirements will exceed the 128–134 semester hours normally required for graduation.

## Courses

### MISL 1001. Military Physical Training Laboratory 1. 1 cr. hr.

This goal-oriented, small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 1002. Military Physical Training Laboratory 2. 1 cr. hr.**

This goal-oriented, small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 1100. Foundations of Officership. 1 cr. hr.**

Introduction to issues and competencies that are central to a commissioned officer's responsibilities. This course is designed to establish a framework for understanding officership, leadership, and Army values. Additionally, the semester addresses "life skills" including fitness and time management. The MISL 1100 course is designed to give the student an accurate insight into the Army Profession and the officer's role within the Army.

**MISL 1200. Basic Leadership. 1 cr. hr.**

MISL 1200 is designed to build on the experiences of the fall term and further broaden the student's introduction to the Army. Students receive an introduction to communication principles, military briefings, effective writing, problem solving, goal setting, listening and speaking skills, and counseling. Students are provided a broad overview of life in the Army, including the employment benefits and work experiences of junior officers.

**MISL 1800. American Crucible: The Military and the Development of the United States. 3 cr. hrs.**

This course explores American military history from the colonial period to the present through the lens of military affairs and primarily through the land component of the military, the Army. This course will use the Army and the military itself as a lens through which to explore the impact of governmental structures and policies, international affairs, societal change, technological and industrial innovation, and geography on American development. Prereq: Cons. of dept. ch.

**MISL 2001. Military Physical Training Laboratory 3. 1 cr. hr.**

This goal-oriented, small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 2002. Military Physical Training Laboratory 4. 1 cr. hr.**

This goal-oriented, small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 2100. Individual Leadership Studies. 2 cr. hrs.**

Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of Army leadership framework. Aspects of personal motivation and team building are; practiced planning, executing and assessing team exercises. While participation in the leadership lab is not mandatory during the MISL II year, significant experience can be gained in a multitude of areas and participation in the labs is highly encouraged. The focus continues to build on developing knowledge of the leadership attributes and core leader competencies through the understanding of Army rank, structure and duties as well as broadening knowledge of land navigation and squad tactics. Case studies will provide a tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment. The key objective of this semester is to continue to develop knowledge of the Army's leadership philosophies and integrate this knowledge into tactical strategies and team development. Prereq: MISL 1100 and MISL 1200.

**MISL 2200. Leadership and Teamwork. 2 cr. hrs.**

Examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). Highlights dimensions of terrain analysis, patrolling and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. MISL 2200 provides a smooth transition to MISL 3100. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. The key learning objective of this semester is to explore leadership in the contemporary environment incorporating terrain analysis, tactical strategies and team development. Prereq: MISL 1100 and MISL 1200, or cons. of instr.

**MISL 3001. Military Physical Training Laboratory 5. 1 cr. hr.**

This goal-oriented, small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 3002. Military Physical Training Laboratory 6. 1 cr. hr.**

This goal-oriented small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 3100. Leadership and Problem Solving. 2 cr. hrs.**

Designed to help prepare students for the challenges of accepting greater responsibility in teaching and participating in Military Science and Leadership Labs. It is the first course that all students seeking a commission in the United States Army must take. Students will be introduced to the principles in the Leader Development Program, the Army's troop leading procedures, and taught how to plan and conduct individual and small unit training. Prereq: MISL 3101, which may be taken concurrently, MISL 1100, MISL 1200, MISL 2100, and MISL 2200, or cons. of instr.

**MISL 3101. Applied Leadership Laboratory 1. 1 cr. hr.**

Practical exercises and evaluations in military leadership skills including operational planning, quality management and inspections, and controlling small groups in realistic settings. Students develop training programs, plan training sessions, and present classes for this and other Military Science Leadership labs. Topics include individual and small unit movement techniques, communicating by tactical radio, water survival (drownproofing), drill and ceremony, and land navigation skills. Prereq: MISL 3100 which may be taken concurrently.

**MISL 3200. Leadership and Ethics. 2 cr. hrs.**

Designed to continue the student's development as a leader as he/she receives further instruction in interpersonal communication, values and ethics, and leadership. Additionally, students receive an introduction and overview of various summer training opportunities such as, airborne school and the National Advanced Leadership Camp (NALC). Students are also introduced to the many career choices the Army has to offer. Prereq: MISL 3100 and MISL 3202, which may be taken concurrently.

**MISL 3202. Applied Leadership Laboratory 2. 1 cr. hr.**

Practical exercises and evaluations in military leadership skills including operational planning, quality management and inspections, and controlling small groups in realistic settings. Students develop training programs, plan training sessions, and present classes for Military Science Leadership labs. Topics include field training exercises, tactical leadership, decision making, and squad level offensive and defensive battle drills. Prereq: MISL 3200, which may be taken concurrently.

**MISL 3964. Military Science Practicum. 6 cr. hrs.**

Off-campus summer program offered at the U.S. Army Reserve Officers' Training Corps Basic Camp, Fort Knox, Kentucky. This program counts as completion of the Basic Course. The six-week program provides the student with practical leadership experience and extensive practical training in fundamental leadership and military skills. Students do not incur military obligation, do not pay expenses, but do receive pay for this training. The program is offered in lieu of MISL 1100, MISL 1200, MISL 2100, and MISL 2200. Offered only during the summer. Prereq: Cons. of dept. ch.

**MISL 4001. Military Physical Training Laboratory 7. 1 cr. hr.**

This goal-oriented small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 4002. Military Physical Training Laboratory 8. 1 cr. hr.**

This goal-oriented small unit approach to physical conditioning and military drill is required for all cadets enrolled in Military Science courses. This lab is conducted three times per week. It is oriented toward strength, mobility and endurance development. Physical development and the ability to master principles of small unit leadership are also stressed. Student physical development is measured via the Army Physical Fitness Test, consisting of push-ups, sit-ups, and a timed two-mile run. Drill instruction is conducted on Fridays, and stresses fundamentals of unit organization, wear of the uniform, and practical application of small unit leadership techniques. Non-Military Science students may elect to take only the physical conditioning portion of the laboratory.

**MISL 4100. Officership. 2 cr. hrs.**

Focuses students on three main areas: the Military Decision Making Process, the Army's Training Management System, and ethical leadership and decision making. It also covers several critical areas needed to operate effectively as an Army officer, including: coordinating activities with staffs, counseling theory and practice within the "army context" and ethics. Prereq: MISL 3100, MISL 3200 and MISL 4101, which may be taken concurrently.

**MISL 4101. Advanced Leadership Laboratory 1. 0 cr. hrs.**

Weekly practical exercises and preparatory periods for command staff functions, drill and ceremonies, assistant instructor roles and field training exercises. Students perform roles of cadet officers in assigned positions or tasks. Prereq: MISL 4100, which may be taken concurrently. SNC/UNC grade assessment.

**MISL 4200. Leadership and Management. 2 cr. hrs.**

Focuses on completing the transition from cadet to lieutenant. Students receive instruction on the legal aspects of decision-making and leadership, operations from the tactical to strategic level, administrative and logistical management, and a series of Capstone Seminars focusing on entering the Army as a new Lieutenant. These seminars require students, both individually and collectively, to apply their knowledge to solve problems and confront situations commonly faced by junior officers. Prereq: MISL 4100, MISL 4101 and MISL 4202, which may be taken concurrently.

**MISL 4202. Advanced Leadership Laboratory 2. 0 cr. hrs.**

Weekly practical exercises and preparatory periods for command staff functions, drill and ceremonies, assistant instructor roles and field training exercises. Students perform roles of cadet officers in assigned positions or tasks. Prereq: MISL 4200, which may be taken concurrently. SNC/UNC grade assessment.

**MISL 4964. Command Group Leadership. 2 cr. hrs.**

Provides seniors who will be leading the Golden Eagle Battalion with in-depth practical applications and analyses of leadership at the senior command level of battalion-level organizations. Topics include developing training plans for battalion-size units, staff management, garrison operations, tactical operations and directly leading the university's Army ROTC battalion. Prereq: Sr. stndg., and cons. of dept. ch.

**MISL 4995. Independent Study in Military Science and Leadership. 1-3 cr. hrs.**

Independent study of special topics in Military Science under faculty supervision. Topics selected by student/faculty conference. Prereq: Cons. of dept. ch.