

ROTC: MILITARY SCIENCE

Michael Paul Galvin Tower, 15th Floor, Suite 15D9-1
Chicago, IL 60616
312.808.7140
web.iit.edu/rotc

Chair

LTC Araya Rutnarak

Illinois Institute of Technology Program Director

MAJ Charles Cain

Assistant Program Director

SFC Howard Clifford

The principal objective of the college-level Reserve Officers' Training Corps (ROTC) program is to develop commissioned officers for the Active Army, the Army National Guard, and U.S. Army Reserve. Each course is designed to develop essential qualities and traits of leadership required for success in either a civilian or a military career.

Instruction is offered through either a four-year, three-year, or two-year program. The four-year program consists of the Basic Course (freshman and sophomore years) and the Advanced Course (junior and senior years). The three-year program is similar to the four-year program but may require attendance at Cadet Summer Training Basic Camp. The two-year Advanced Course is open to students eligible for advanced placement through a variety of options, including master's degree programs, and may require attendance at Cadet Summer Training Basic Camp. All three programs include attendance at Cadet Summer Training Advanced Camp just prior to commissioning. Advanced Camp is typically completed between the junior and senior years but can be delayed to the end of the senior year in special circumstances.

Basic Course

The Basic Course is an introduction to military science and carries no military obligation. Completion is a prerequisite to enrollment in the Advanced Course. Prior service, completion of basic combat training through the National Guard or Reserve, or completion of Cadet Summer Training Basic Camp may be substituted for the Basic Course.

Advanced Course

All cadets who successfully complete the Basic Course, meet the physical and academic requirements, and pass a physical examination are eligible for selection by the professor of military science for the Advanced Course. A tax-free subsistence allowance of \$425 per month is paid to each cadet in this advanced course (also available to those in the basic course that are receiving an Army Scholarship) except during attendance at Cadet Summer Training Basic/Advanced Camp, where pay is approximately \$200 per week. Upon graduation and successful completion of Cadet Summer Training Advanced Camp and the Professional Military Education Requirements (PMEs), cadets are commissioned as second lieutenants in the Active Army, the Army Reserve, or the National Guard.

Professional Military Education Requirements (PMEs)

In order to receive a well-rounded education, cadets are required to complete courses in the following areas: advanced written communications, human behavior, military history, computer literacy, and math reasoning.

Simultaneous Membership Program (SMP)

Membership in the Army National Guard or United States Army Reserve offers cadets additional experience as officer trainees, and these individuals will receive both the ROTC stipend and drill pay as an E-5. They may also receive additional money while attending school through the Montgomery GI Bill and/or USAR Kickers.

Financial Assistance

In addition to a monthly stipend of \$425 as an advance-course cadet, the program offers two-, three-, and four-year federal Army ROTC scholarships for full tuition to qualified students. The university offers an excellent incentive package to scholarship winners such as room and board for certain scholarships. For further information, students should call 312.808.7140 or visit the Department of Military Science in IIT Tower, 15th Floor, Suite 15D9-1.

Required Courses

Code	Title	Credit Hours
MILS 101	Introduction to Military Science and Critical Thinking	1
MILS 102	Basic Leadership	1
MILS 201	Individual Leadership Studies	2
MILS 202 or MILS 107	Leadership and Teamwork American Military History	2
MILS 301	Leadership and Problem Solving	3
MILS 302	Leadership and Ethics	3
MILS 401	Leadership and Management	3
MILS 402	Officership	3
Total Credit Hours		18

MILS 147, MILS 148, MILS 247, and MILS 248 (Aerobic Conditioning) are required for all cadets in the Basic Program. The preceding four courses and MILS 347, MILS 348, MILS 447, and MILS 448 (Aerobic Conditioning) are required for all Advanced Course cadets.

ROTC: Military Science Curriculum

				Year 1
Semester 1	Credit Hours	Semester 2	Credit Hours	Credit Hours
MILS 101	1	MILS 102	1	1
MILS 147 ¹	2	MILS 148 ¹	2	2
		3	3	3
				Year 2
Semester 1	Credit Hours	Semester 2	Credit Hours	Credit Hours
MILS 201	2	MILS 202	2	2
MILS 247 ¹	2	MILS 248 ¹	2	2
		4	4	4
				Year 3
Semester 1	Credit Hours	Semester 2	Credit Hours	Credit Hours
MILS 301	3	MILS 302	3	3
MILS 347 ²	2	MILS 348 ²	2	2
		5	5	5
				Year 4
Semester 1	Credit Hours	Semester 2	Credit Hours	Credit Hours
MILS 401	3	MILS 402	3	3
MILS 447 ²	2	MILS 448 ²	2	2
		5	5	5
Total Credit Hours: 34				

¹ MILS 147, MILS 148, MILS 247, and MILS 248 (Aerobic Conditioning) are required for all scholarship cadets in the Basic Program.

² MILS 347, MILS 348, MILS 447, and MILS 448 (Aerobic Conditioning) are required for all Advanced Course cadets.

Course Descriptions

MILS 101

Introduction to Military Science and Critical Thinking

MILS 101 is an introduction to the Army and the Profession of Arms. Students will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model, to develop critical thinking skills through scenario-based applications, and its advantages for the student. Students also learn how resiliency and fitness support their development as a future leader.

Lecture: 1 Lab: 2 Credits: 1

MILS 102

Basic Leadership

Establishes foundation of basic leadership fundamentals such as problem solving, communications, briefings and effective writing, goal setting techniques for improving listening and speaking skills, and an introduction to counseling.

Lecture: 1 Lab: 2 Credits: 1

Satisfies: Communications (C)

MILS 107

American Military History

Study of American military history through examination of involvement of the Army and warfare.

Lecture: 3 Lab: 2 Credits: 3

MILS 147

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 148

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 199

Military Topics

Approval of the department. Research and study of selected topics. A practical laboratory is required. May be repeated if topics vary. Students may register in more than one section per term.

Lecture: 3 Lab: 0 Credits: 3

MILS 201

Individual Leadership Studies

Students identify successful leadership characteristics through observation of others and self and through experiential learning exercises. Students record observed traits (good and bad) in a dimensional leadership journal and discuss observations in small group settings.

Lecture: 2 Lab: 2 Credits: 2

MILS 202

Leadership and Teamwork

Study examines how to build successful teams, various methods for influencing action, effective communication in setting and achieving goals, the importance of timing the decision, creativity in the problem solving process, and obtaining team buy-in through immediate feedback.

Lecture: 2 Lab: 2 Credits: 2

MILS 247

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 248

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 301

Leadership and Problem Solving

Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/small unit tactical training while testing reason and problem-solving techniques. Students receive direct feedback on leadership abilities.

Lecture: 3 Lab: 2 Credits: 3

Satisfies: Communications (C)

MILS 302

Leadership and Ethics

Examines the role communications, values, and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military, and survey Army leadership doctrine. Emphasis on improving oral and written communication abilities.

Prerequisite(s): MILS 301

Lecture: 3 Lab: 2 Credits: 3

Satisfies: Communications (C)

MILS 347

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 348

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 350

Military Civil and Public Affairs

This course is an expansion of Military Presence in towns, villages, and cities where it would be necessary for a military government to assume responsibilities for the administration of the government functions. An added feature of the course would be the development of positive relationships with civilians and government officials. The preparation of news and information releases and related operations.

Lecture: 0 Lab: 0 Credits: 3

MILS 394

Advanced Military Topics

Approval of the department. Study of advanced topics in military science. A practical laboratory is required. May be repeated if topics vary. Students may register in more than one section per term.

Lecture: 3 Lab: 0 Credits: 3

MILS 399

Advanced Independent Research

Approval of the department. Intensive research and study of selected topics. A practical laboratory is required. May be repeated to maximum of 6 hours if topics vary. Students may register in more than one section per term.

Lecture: 0 Lab: 3 Credits: 3

MILS 401

Leadership and Management

Develops student proficiency in planning and executing complex operations, functioning as a member of a staff, and mentoring subordinates. Students explore training management, methods of effective staff collaboration, and developmental counseling techniques.

Prerequisite(s): MILS 302 and MILS 301

Lecture: 3 Lab: 2 Credits: 3

Satisfies: Communications (C)

MILS 402

Officership

Study includes case study analysis of military law and practical exercises on establishing an ethical command climate. Students must complete a semester long Senior Leadership Project that requires them to plan, organize, collaborate, analyze, and demonstrate their leadership skills.

Prerequisite(s): MILS 301 and MILS 401 and MILS 302

Lecture: 3 Lab: 2 Credits: 3

Satisfies: Communications (C)

MILS 447

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 448

Aerobic Conditioning

Participation in aerobic exercise program; evaluation of the level of cardiovascular fitness.

Lecture: 0 Lab: 3 Credits: 2

MILS 499

Advanced Independent Research

Intensive research and study of selected topics. May be repeated for a maximum of six credit hours. A practical laboratory is required for Army ROTC cadets.

Credit: Variable