

# Military Science

Head: Major Oliver Hasse  
(605)394-2769  
Oliver.Hasse@sdsmt.edu  
<<http://armyrotc.com/edu/sdschoolminestech>>

## Program Overview

The military science curriculum provides an understanding of the concepts and fundamentals of military art and science to develop leadership and managerial potential; a strong sense of personal integrity, honor, and individual responsibility; and an appreciation of the requirements for national security. These objectives prepare students for commissioning and establish a sound basis for future professional development and effective performance in the Army or any chosen career field.

The School of Mines maintains a unit of the senior division of the Army Reserve Officers Training Corps (ROTC) known as the Mount Rushmore Battalion.

## Extracurricular Activities

Military-related extracurricular activities and organizations available to the ROTC student include the Pershing Rifles, Ranger Challenge, and Color Guard. Students also may take part in voluntary hands-on training such as self-defense, survival, weapons, orienteering, rappelling, mountaineering, and first aid.

## Financial Benefits

Whether you're a college-bound high school student or already attending the School of Mines, Army ROTC has scholarships available. Two-, three- and four-year scholarships are awarded based on a student's merit and grades, not financial need. These scholarships include full tuition, fees, \$1,200 annual book allowance, and a monthly cash stipend of \$300-\$500. For more information, visit <<http://rotc.sdsmt.edu/incentives.html>> or call (605) 394-2769.

## Curriculum

ROTC provides leadership training and experience demanded by both corporate America and the U.S. Army. ROTC consists of basic and advanced courses of instructions. The basic course consists of the first four semesters of military science. There is no obligation or commitment to continue in ROTC or serve in the Armed Forces. The Advanced Course consists of the last four semesters of the ROTC program. The Advanced Course is offered to students possessing the potential to become Army officers and who desire to serve as commissioned officers in the Active Army, U.S. Army Reserve, or the Army National Guard. The objective of the Advanced Course is to select, train, and prepare students for military service.

In the traditional four-year program, the student enrolls in eight consecutive semesters of MSL courses, two credit hours each semester the first two years, and four credit hours each semester the last two years. Leadership laboratories are offered concurrently with each of the classroom courses. Non-traditional two-year programs include eligible veterans with prior military service, current members of the U.S. Army Reserve or Army National Guard, and students who have had high school Junior ROTC or Civilian Air Patrol experience. A two-year program is available for any student having four academic semesters remaining or enrollment into a School of Mines master's degree program after attending a summer ROTC Leadership Training Course at Ft. Knox, Kentucky. Participation in the basic course does not carry any commitment to participate in ROTC but it does satisfy the prerequisites necessary to enter the final four semesters of ROTC.

Students must additionally complete a course in the following areas to satisfy commissioning requirements: 1) American Military History, 2) Communications, and 3) Computer Literacy.

## Courses:

MSL 101	Leadership and Personal Development	1
MSL 101L	Leadership and Personal Development Lab	1
MSL 102	Intro. to Tactical Leadership	1
MSL 102L	Intro. to Tactical Leadership Lab	1
MSL 120/120L	Orienteering	3
MSL 201	Innovative Team Leadership	1
MSL 201L	Innovative Team Leadership Lab	1
MSL 202	Foundations of Tactical Leadership	1
MSL 202L	Foundations of Tactical Leadership Lab	1
MSL 290	Basic Small Unit Leadership	2
MSL 291	Internship in Leadership I	2
MSL 294	ROTC Summer Leadership Internship	4
MSL 301	Adaptive Team Leadership	2
MSL 301L	Adaptive Team Leadership Lab	2
MSL 302	Leadership in Changing Environments	2
MSL 302L	Leadership in Changing Environments Lab	2
MSL 394	Advanced Military Science Internship	4
MSL 401	Developing Adaptive Leaders	2
MSL 401L	Developing Adaptive Leaders Lab	2
MSL 402	Leadership in a Complex World	2
MSL 402L	Leadership in a Complex World Lab	2
MSL 403	Third Year Advanced Military Science	2
MSL 404	Third Year Advanced Military Science	2
MSL 411	Developing Subordinate Leaders I	2
MSL 412	Developing Subordinate Leaders II	2
MSL 480	Advanced Small Unit Leadership	2
MSL 491	Advanced Internship in Leadership	2
MSL 494	Leadership Development and Assess Course	3

