

# Military Science (MS)

## Courses

### MS 111 Military Science I 1 Credit

Leader Development and Individual Soldier Skills I – An introduction to Army customs, courtesies, and traditions. Introduction to leadership development, values and ethics of the Army; physical wellness and fitness, and stress management. Laboratory work: Basic land navigation skills, field craft skills, and basic rifle marksmanship. (1 lecture hour and 2 other hours) Course Attributes: Not eligible for use as part of the six ROTC credits allowed for degree elective.

### MS 112 Military Science I 1 Credit

Leader Development and Individual Soldier Skills II – Focuses on the leader development by emphasizing the Be, Know and Do characteristics vital for success as an Army officer; the importance of physical fitness and wellness continues to be stressed; introduced to tactics within a team and squad structure, decision-making process and the structure and organization of the Army. Laboratory work: Advanced land navigation skills, basic rifle marksmanship, and troop leading procedures. (1 lecture hour and 2 other hours) Course Attributes: Not eligible for use as part of the six ROTC credits allowed for degree elective.

### MS 211 Military Science II 2 Credits

The Principles of Small Unit Tactics-Leadership Laboratory. Designed to teach individual soldier skills required for survival in modern combat and the leadership roles required for the infantry team and squad leader in developing technically and tactically proficient soldiers. Training in intelligence gathering, radio communication, individual and crew served weapons; introduced to collective tasks; such as, tactical movements and formations needed to conduct squad offensive, defensive, and patrolling missions. (2 lecture hours and 2 leadership lab hours) Course Attributes: Not eligible for use as part of the six ROTC credits allowed for degree elective.

### MS 212 Military Science II 2 Credits

Principles of Leadership and Small Unit Tactics II – Examines the leader's role in directing and coordinating the efforts of subordinates. Decision making skills, problem solving skills and troop leading procedures continue to be honed through leadership roles. Laboratory work: Small unit tactics, advanced land navigation, physical fitness, and troop leading procedures. (2 lecture hours and 2 leadership lab hours) Course Attributes: Not eligible for use as part of the six ROTC credits allowed for degree elective.

### MS 311 Military Science III 3 Credits

Adaptive Team Leadership -- A comprehensive study and application of light infantry squad tactical operations. Will continue to develop oral and written communication skills through preparation and briefing of warning, fragmentary, and operations orders; individual Soldiers' skills to include land navigation and terrain analysis; and leadership and management skills through tactical squad missions and the conduct of physical training. The course is designed to further integrate the Army's problem solving methodology while exhibiting dynamic leadership; and technical and tactical expertise when conducting offensive and defensive operations at the squad level. (3 lecture hours and 2 leadership lab hours) Course Attributes: May be used as part of the six ROTC credits allowed for degree elective.

### MS 312 Military Science III 3 Credits

Applied Team Leadership -- A comprehensive study and application of light infantry and ranger patrolling operations. Learning leadership techniques by gaining a comprehensive understanding of the mission and organization of combat and reconnaissance patrols and the methods utilized by effective combat leaders. Explores historical examples to illustrate the critical importance of dynamic leadership. Activities used to demonstrate an understanding of the Army's problem solving processes, fully integrating leadership, technical knowledge, and applying doctrinally sound tactics while conducting full-spectrum operations at the platoon level. (3 lecture hours and 2 leadership lab hours) Course Attributes: May be used as part of the six ROTC credits allowed for degree electives.

### MS 411 Military Science IV 3 Credits

Transition from Cadet to U.S. Army 2nd Lieutenant -- The first of two senior capstone courses in Military Science. Training includes Army operations, training management, communications and leadership skills; will participate in selected studies of Military History to include a staff ride to a Revolutionary War battlefield; will attain knowledge and proficiency in several critical areas, as follows: Army training management system, coordinating activities with staffs, and counseling skills. These skills will assist in leading Junior Army ROTC cadets throughout the school year. Instruction will include lecture/seminar, case studies, practical exercises and military laboratories to include field-training exercises. One third of the grade will include a measurement of your ability to develop subordinate leaders and personnel. With the addition of MS 412 in the spring, this training assists in the transition to the Branch specific Basic Course as Commissioned Army Officers possessing high moral character, instilled with Army values, physically fit, knowledgeable in basic soldier skills and a meaningful understanding of leadership and management. (3 lecture hours and 2 hours leadership lab hours).

### MS 412 Military Science IV 3 Credits

Transition from Cadet to U.S. Army 2nd Lieutenant – The second of two senior capstone courses. Study of origins, development, and implementation of U.S. National Security Policy as it applies to the application of land power; focus on understanding and conducting Military Operations, the parameters in which the U.S. will participate, and the role of the military in PKOs. Intense understanding how to prepare and train their particular organization to ensure their objectives support the National policy; case studies of recent Military Operations and how tactical decisions can affect strategic outcomes, and the study of current events. Further development of individual leadership skills and knowledge through class seminars, leadership laboratories, and field training exercises; will assess the level of training in their organizations, develop a training plan to correct deficiencies and re-enforce strengths, and how to evaluate training results. The second half of the semester will further develop an understanding of leadership in organizations, team building, counseling subordinates, and the various support systems available to leaders. Advanced oral and written communications skills--preparing written assignments in the military writing style, along with oral presentations. (3 lecture hours and 2 hours leadership lab hours).

**MS 499 Topics in Military Science 3 Credits**

A 45-hour, distant learning (DL) course covering the gamut of U.S. Military History from pre-colonial through Global War on Terror; gives requisite understanding of military history and the military's role as one component of national power. Developed by: KARTA/MTS Technologies, as a synchronous/asynchronous instructional program; Materials provided by: John W. Hall PhD, the Ambrose-Hesseltine, Assistant Professor of U.S. Military History at the University of Wisconsin-Madison; Development and resourced through: Combat Studies Institute at the United States Army Combined Army Center (Fort Leavenworth, KS); is proctored by a Military History Instructor Course, qualified ROTC Cadre member.