Military Science (MSC)

Military Science (MSC) Courses

MSC 1001. Introduction to Army ROTC Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 1012. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 1012. Introduction to Army ROTC. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 1001. Introduces personal challenges and competencies that are critical for effective leadership. Focuses on the personal development of life skills such as goal setting, time management, physical fitness, and stress management as they relate to leadership, officerhood, and the Army profession. Increase self-confidence through team study and activities in basic drill, rappelling, leadership reaction course, first aid, making presentations, and basic marksmanship. Learn fundamental concepts of professional leadership in classroom and outdoor laboratory environments. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 1001) plus participate in organized physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly MSC 1011. Credit cannot be earned for both MSC 1012 and MSC 1011.).

MSC 1101. Introduction to Tactical Leadership Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 1122. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 1122. Introduction to Tactical Leadership. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 1101. Overviews leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students will explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises and will learn and apply principles of effective leading. Reinforce self-confidence through participation in physically and mentally challenging exercises with upper-division ROTC students. Develop communication skills to improve individual performance and group interaction. Relate organizational ethical values to leadership effectiveness. Students attend two hours of lecture, a required two hours of leadership laboratory (MSC 1101) plus participate in organized physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended. (Formerly MSC 1021. Credit cannot be earned for both MSC 1122 and MSC 1021.).

MSC 2011. Foundations of Leadership Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 2012. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 2012. Foundations of Leadership. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 2011. 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 the Army leadership framework (trait and behavior theories). Students practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership attributes and core leader competencies through an understanding of Army rank, structure, duties and basic aspects of oral presentations, concise writing, advanced first aid, land navigation, basic rifle marksmanship and basic military squad tactics. Students attend lecture and a required leadership laboratory (MSC 2011) plus participate in physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended.

MSC 2021. Foundations of Tactical Leadership Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 2022. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 2022. Foundations of Tactical Leadership. (2-0) 2 Credit Hours.
Corequisite: Concurrent enrollment in MSC 2021. Examines the challenges of leading tactical teams in the complex Contemporary Operating Environment (COE). The course 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. MSC 2022 provides a smooth transition into MSC 3013. Students have an opportunity to 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. Students attend lecture and a required leadership laboratory (MSC 2021) plus participate in physical fitness training. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended.

MSC 3011. Leading Small Organizations Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 3013. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.
MSC 3013. Leading Small Organizations I. (3-0) 3 Credit Hours.
Prerequisites: MSC 1012, MSC 1122, MSC 2012, and MSC 2022, or consent of instructor. Concurrent enrollment in MSC 3011. Series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead in increasingly complex situations. Uses small unit tactics and opportunities to plan and conduct training for lower-division students both to develop such skills and as vehicles for practicing leading. Students attend three hours of lecture, two hours of leadership laboratory (MSC 3011) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended.

MSC 3021. Leading Small Organizations II Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 3023. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 3023. Leading Small Organizations II. (3-0) 3 Credit Hours.
Prerequisite: MSC 3013 or consent of instructor. Concurrent enrollment in MSC 3021. Continues methodology of MSC 3013. Students will analyze tasks and prepare written or oral guidance for team members to accomplish tasks. Students will also delegate tasks and supervise; plan for and adapt to the unexpected in organizations under stress; examine and apply lessons from leadership case studies; and examine the importance of ethical decision making in setting a positive climate that enhances team performance. Students attend three hours of lecture, two hours of leadership laboratory (MSC 3021) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended.

MSC 3033. American Military History. (3-0) 3 Credit Hours.
Prerequisites: MSC 1012, MSC 1122, MSC 2012, and MSC 2022, or consent of instructor. A comprehensive, but brief account of the US Army from past to present. Integrates the basic knowledge of American military history into the future officer’s education. This is an Army standardized, mandatory course that is part of pre-commissioning training for contracted US Army ROTC cadets. Employs American military history as a tool for studying military professionalism and applying critical-thinking skills and decision-making skills to military problems. Analyzes the definition of Military History, the theory and practice of war, and the American Military System as an intellectual framework for applying critical-thinking skills and problem-solving skills to the study of historical military problems.

MSC 4011. Adaptive Leadership Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 4013. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 4013. Adaptive Leadership. (3-0) 3 Credit Hours.
Prerequisite: MSC 3023 or consent of instructor. Concurrent enrollment in MSC 4011. Students will plan, conduct, and evaluate activities of the ROTC cadet organization; articulate goals and put plans into action; assess organizational cohesion and develop strategies to improve it; develop confidence in leadership skills and resource management; learn and apply various Army policies and programs. Students will study how Army values and leader ethics are applied in the Contemporary Operating Environment and how these values and ethics are relevant to everyday life. Students will study the Army officer’s role in the Uniform Code of Military Justice, the counseling of subordinates, administrative actions and the management of an Army officer’s career. Students attend three hours of lecture, two hours of leadership laboratory (MSC 4011) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended.

MSC 4021. Leadership in a Complex World Laboratory. (0-2) 1 Credit Hour.
Corequisite: Concurrent enrollment in MSC 4023. This two hour mandatory laboratory applies and reinforces classroom instruction with outdoor, hands-on training on campus. In addition, it provides an opportunity to experience unique training opportunities unavailable to the general public at nearby Camp Bullis.

MSC 4023. Leadership in a Complex World. (3-0) 3 Credit Hours.
Prerequisite: MSC 4013 or consent of instructor. Concurrent enrollment in MSC 4021. Continues the methodology from MSC 4013. Students will identify and resolve ethical dilemmas; refine counseling and motivating techniques; examine tradition and law as related to leadership as an Army officer; prepare for a future as a successful Army lieutenant. Students attend three hours of lecture, two hours of leadership laboratory (MSC 4021) and organized physical fitness training weekly. Students will have an opportunity to participate in one weekend exercise; additional weekend exercises may be offered. Concurrent enrollment in KIN 1001 Ind PhysAct: AROTC is recommended.

MSC 4033. Practical Leadership. (3-0) 3 Credit Hours.
Prerequisite: MSC 4023 or consent of instructor. Performance-oriented instruction and preparation for commissioning. Additional development of students’ ability to plan, coordinate, and direct the efforts of Army small-unit organizations in the execution of tactical missions; planning and execution of leadership laboratories.