

# MILITARY SCIENCE (MS)

## MS 1010 Introduction to the Army and Critical Thinking (1 credit)

Introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. Labs include leader's reaction/ropes course, basic survival skills, drill and ceremony, and emergency preparedness. One lecture hour and one leadership lab hour; lab is optional – but highly encouraged – for noncontracted cadets

## MS 1020 Introduction to the Profession of Arms (1 credit)

Overviews basic leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises. Labs include orienteering, a teambuilding exercise, first aid, cultural protection, and ethics problem solving. One lecture hour and one leadership lab hour; lab is optional – but highly encouraged – for noncontracted cadets.

## MS 1030 Leadership Lab I (1 credit, max 2)

This leadership lab is a requirement for those freshman on an ROTC contract or scholarship. It is conducted outside and allows cadets to apply their classroom skills from MS 1010 and MS 1020 in a practical environment. Typically Offered: Varies.

**Coreqs:** MS 1010 or MS 1020

## MS 1500 Army Physical Fitness Training I (1 credit, max 2)

Physical training, three days a week, is a requirement for all freshman in the Army ROTC program that are on scholarship or contracted. This program is designed to build and maintain a level of fitness that allows cadets to pass the Army Combat Physical Fitness test, which is a commissioning and scholarship requirement. Typically Offered: Varies.

**Coreqs:** MS 1010 or MS 1020

## MS 2010 Foundations of Leadership I (2 credits)

Develops leadership skills and introduces different leadership theories. Furthers personal development such as time management and effective communication and briefing skills. Cadets explore tactics and techniques such as troop leading procedures, tactical movement, problem solving, and land navigation. Labs deepen understanding of the leader's reaction/ropes course, basic survival skills, drill and ceremony, and emergency preparedness. Two lecture hours and one leadership lab hour; lab is optional – but highly encouraged – for noncontracted cadets.

**Prereqs:** MS 1020 or Permission

## MS 2020 Foundations of Leadership II (2 credits)

Examines the challenges of leading teams in the complex operational environment. 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. Prepares cadets for third year MS classes. Cadets develop greater self awareness as they assess their own leadership styles and practice communication and team building skills. Case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Labs deepen understanding of orienteering, teambuilding exercise, first aid, cultural protection, and ethics problem solving. Two lecture hours and one leadership lab hour; lab is optional – but highly encouraged – for noncontracted cadets.

**Prereqs:** MS 2010 or Permission

## MS 2040 (s) Special Topics (1-16 credits, max 99)

Credit arranged

**Prereqs:** Permission

## MS 2100 Leadership Lab II (1 credit, max 2)

This leadership lab is a requirement for those sophomores on an ROTC contract or scholarship. It is conducted outside and allows cadets to apply their classroom skills from MS 2010 and MS 2020 in a practical environment. Typically Offered: Varies.

**Coreqs:** MS 2010 or MS 2020

## MS 2550 Army Physical Fitness Training II (1 credit, max 2)

Physical training three days a week is a requirement for all freshman in the Army ROTC program that are on scholarship or contracted. This program is designed to build and maintain a level of fitness that allows cadets to pass the Army Combat Physical Fitness test, which is a commissioning and scholarship requirement. Typically Offered: Varies.

**Coreqs:** MS 2010 or MS 2020

## MS 2980 (s) Internship (1-16 credits, max 99)

Credit arranged

## MS 2990 (s) Directed Study (1-16 credits, max 99)

Credit arranged

## MS 3010 Adaptive Team Leadership (3 credits)

Challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback on their leadership attributes and actions. Based on such feedback, as well as their own self-evaluations, cadets continue to develop their leadership and critical thinking abilities. The focus is developing cadets' tactical leadership abilities to enable them to succeed at ROTC's summer Cadet Leader Course (CLC). Cadets help lead joint labs with the first two MS levels. Three lecture hours and one leadership lab hour.

**Prereqs:** MS 2020 or Permission. Permission may be granted to students who have attended Leadership Training Camp or Basic Training from any U. S. military branch of service

## MS 3020 Applied Team Leadership (3 credits)

Uses increasingly intense situations applying team leadership challenges to build cadet awareness and skills in leadership tactical operations at the small unit level. Cadets review aspects of full spectrum operations. They also conduct military briefings and develop proficiency in the operation orders process. The focus is on exploring, evaluating, and developing skills in decision making, persuading, and motivating team members in the contemporary operating environment. Cadets help lead joint labs with the first two MS levels. Three lecture hours and one leadership lab hour

**Prereqs:** MS 3010 or Permission. Permission may be granted to students who have attended Leadership Training Camp or Basic Training from any U. S. military branch of service

## MS 3030 Leadership Lab III (1 credit, max 2)

This leadership lab is a requirement for all juniors in the Army ROTC program. It is conducted outside and allows cadets to apply their classroom skills, from MS 3010 and MS 3020 in a practical environment. This includes instructing, leading, and training our sophomore and freshman cadets. Typically Offered: Varies.

**Coreqs:** MS 3010 or MS 3020

**MS 3550 Army Physical Fitness Training III (1 credit, max 2)**

Physical training three days a week is a requirement for all freshman in the Army ROTC program that are on scholarship or contracted. This program is designed to build and maintain a level of fitness that allows cadets to pass the Army Combat Physical Fitness test, which is a commissioning and scholarship requirement. Typically Offered: Varies.

**Coreqs:** MS 3010 or MS 3020

**MS 4010 Mission Command and the Army Profession (3 credits)**

Explores the dynamics of leading in the complex situations of current military operations. Cadets will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Cadets also explore aspects of interacting with non-government organizations, civilians on the battlefield, the decision making processes and host nation support. The course places significant emphasis on preparing cadets for BOLC B and their first unit of assignment. It uses mission command case studies and scenarios to prepare cadets to face the complex ethical demands of serving as a commissioned officer in the United States Army. Three lecture hours and one leadership lab hour.

**Prereqs:** MS 3010, MS 3020

**MS 4020 Mission Command and the Company Grade Officer (3 credits)**

Explores the dynamics of leading in complex situations during unified land operations. It examines the art of command and how to properly communicate with your NCOs and soldiers. During cultural awareness and cultural property protection (CPP), they will discuss numerous situations on how ethical decisions impact personnel and the unit mission. Through the understanding of their roles and responsibilities, they will learn about comprehensive soldier fitness (CSF), being ready and resilient (R2C), and individual and family readiness can assist them in preparing their soldiers and their families on reducing and managing stress during times of uncertainty. The course places significant emphasis on preparing cadets for BOLC B and their first unit of assignment. It uses mission command case studies and scenarios to prepare them to face the complex ethical demands of serving as a commissioned officer in the United States Army. Three lecture hours and one leadership lab hour.

**Prereqs:** MS 3010, MS 3020

**MS 4040 (s) Special Topics (1-16 credits, max 99)**

Credit arranged

**MS 4060 Leadership Lab IV (1 credit, max 2)**

This leadership lab is a requirement for all seniors in the Army ROTC program. It is conducted outside and allows cadets to apply their classroom skills from MS 4010 and MS 4020 in a practical environment. This includes planning training events, organizing as a staff, and evaluating our junior cadets. Typically Offered: Varies.

**Coreqs:** MS 4010 or MS 4020

**MS 4550 Army Physical Fitness Training IV (1 credit, max 2)**

Physical training three days a week is a requirement for all freshman in the Army ROTC program that are on scholarship or contracted. This program is designed to build and maintain a level of fitness that allows cadets to pass the Army Combat Physical Fitness test, which is a commissioning and scholarship requirement. Typically Offered: Varies.

**Coreqs:** MS 4010 or MS 4020

**MS 4600 Army Physical Fitness Training V (1 credit, max 2)**

Physical training three days a week is a requirement for all fifth-year seniors in the Army ROTC program that are on scholarship or contracted. This program is designed to build and maintain a level of fitness that allows cadets to pass the Army Combat Physical Fitness test, which is a commissioning and scholarship requirement. Typically Offered: Varies.

**Prereqs:** MS 4550

**MS 4990 (s) Directed Study (1-16 credits, max 99)**

Credit arranged