MILITARY SCIENCE (MSC)

MSC 101 | INTRODUCTION TO THE ARMY | 1 quarter hour (Undergraduate)
The purpose of this class is to introduce cadets/students to the fundamental components of service as an officer in the United States Army. These initial lessons form the building blocks of progressive lessons in values, fitness, leadership, and officership. Additionally the class addresses "life skills" including fitness, communications theory and practice (written and oral), and interpersonal relationships.

MSC 102 | FOUNDATIONS OF LEADERSHIP I | 1 quarter hour (Undergraduate)
This course is an introduction to the "life skills" of problem solving, decision-making and leadership. The course is designed to help students in the near-term as leaders on campus. The class will help students be more effective leaders and managers in the long-term, whether they serve in the military or the civilian sector. Topics addressed include critical thinking, problem solving methods, leadership theory, followership, group cohesion, goal setting, and feedback mechanisms. Lessons are taught in a seminar format, emphasizing student discussions and practical exercises.

MSC 103 | FOUNDATIONS OF LEADERSHIP II | 1 quarter hour (Undergraduate)
This course provides cadets/students an introduction to the critical topic of leadership. The course seeks to convince cadets/students that they can learn to be better leaders than they are now (i.e. leaders aren't born they are developed), and to provide them with a model for understanding their development as leaders.

MSC 111 | OFFICERSHIP IN THE UNITED STATES ARMY | 1 quarter hour (Undergraduate)
The purpose of this class is to introduce cadets/students to the fundamental components of service as an officer in the United States Army. These initial lessons form the building blocks of progressive lessons in values, fitness, leadership, and officership. Additionally the class addresses "life skills" including fitness, communications theory and practice (written and oral), and interpersonal relationships.

MSC 112 | PROBLEM SOLVING AND DECISION MAKING | 1 quarter hour (Undergraduate)
This course is an introduction to the "life skills" of problem solving, decision-making and leadership. The course is designed to help students in the near-term as leaders on campus. The class will help students be more effective leaders and managers in the long-term, whether they serve in the military or the civilian sector. Topics addressed include critical thinking, problem solving methods, leadership theory, followership, group cohesion, goal setting, and feedback mechanisms. Lessons are taught in a seminar format, emphasizing student discussions and practical exercises.

MSC 113 | FUNDAMENTALS OF LEADERSHIP | 1 quarter hour (Undergraduate)
This course provides cadets/students an introduction to the critical topic of leadership. The course seeks to convince cadets/students that they can learn to be better leaders than they are now (i.e. leaders aren't born they are developed), and to provide them with a model for understanding their development as leaders.

MSC 151 | PHYSICAL READINESS I | 1 quarter hour (Undergraduate)
Introduction to the principles of fitness: a fast-paced military-style interval training class that incorporates calisthenics and an emphasis on a healthy life style. Students will undergo an evaluation of their physical fitness level and it's progression over the course of the quarter.

MSC 201 | LEADERSHIP AND ETHICS | 2 quarter hours (Undergraduate)
Introduction to leadership techniques in conducting military briefings, writing in the Army style, issuing oral orders, and reporting information. Review "Code of Conduct," and leader obligations. A practical laboratory which introduces the student to drill and ceremony, marksmanship, rappelling, communications, and first aid is required for Army ROTC cadets.

MSC 202 | ARMY DOCTRINE AND DECISION MAKING I | 1 quarter hour (Undergraduate)
Fundamentals of decision-making, planning, supervising and technology management skills necessary to coordinate and control the efforts of subordinates in the accomplishment of a task. A practical laboratory which introduces the student to drill and ceremony, marksmanship, rappelling, communications, and first aid is required for Army ROTC cadets.

MSC 203 | ARMY DOCTRINE AND DECISION MAKING II | 1 quarter hour (Undergraduate)
Fundamentals of decision-making, planning, supervising and technology management skills necessary to coordinate and control the efforts of subordinates in the accomplishment of a task. A practical laboratory which introduces the student to drill and ceremony, marksmanship, rappelling, communications, and first aid is required for Army ROTC cadets.

MSC 211 | LEADERSHIP AND PROBLEM SOLVING | 2 quarter hours (Undergraduate)
The purpose of this class is to introduce cadets/students to principal leadership instruction of the Basic Course. Building upon the fundamentals introduced in the MSC 100 level classes, this instruction delves into several aspects of communication and leadership theory.

MSC 212 | MILITARY PRINCIPLES OF TACTICS | 2 quarter hours (Undergraduate)
This quarter focuses principally on officership, providing an extensive examination of the unique purpose, roles, and obligations of commissioned officers. It includes a detailed look at the origin of our institutional values and their practical application in decision-making and leadership. The lesson traces the Army's successes and failure as it evolved from the Vietnam War to the present.

MSC 213 | OFFICERSHIP CASE STUDY | 2 quarter hours (Undergraduate)
This course builds on the MS I year's introduction to officership and provides an extensive examination of the unique purpose, roles, and obligations of commissioned officers. The aim is to convey a clear and complete understanding of what it means to be a commissioned officer. Special emphasis is given to the officer's role in shaping and guiding the growth and evolution of the Army through decisions, policies, and personal example.

MSC 250 | PHYSICAL READINESS TRAINING | 1 quarter hour (Undergraduate)
Introduction to the principles of fitness: a fast-paced military-style interval training class that incorporates calisthenics and an emphasis on a healthy life style. Students will undergo an evaluation of their physical fitness level and it's progression over the course of the quarter.

MSC 252 | PHYSICAL READINESS II | 1 quarter hour
(Undergraduate)
Introduction to the principles of fitness: a fast-paced military-style interval training class that incorporates calisthenics and an emphasis on a healthy life style. Students will undergo an evaluation of their physical fitness level and it's progression over the course of the quarter.

MSC 277 | WAR & PEACE IN THE MODERN AGE | 4 quarter hours
(Undergraduate)
A survey of military history from 1648 to the present with emphasis on the relationship between armed forces and the societies that create them, the impact of technology on warfare, and efforts to limit deadly conflict.

MSC 301 | TRAINING MANAGEMENT AND THE WARFIGHTING FUNCTIONS | 2 quarter hours
(Undergraduate)
Instruction and case studies, which build leadership competencies and military skills in preparation for further responsibilities as Army Officers. Specific instruction in the principles of war, decision-making processes, planning models, and risk assessment. Advanced leadership instruction focuses on motivational theory, the role and actions of leaders, and organizational communications. Must be a contracted ARMY ROTC cadet.

MSC 302 | APPLIED LEADERSHIP IN SMALL UNIT OPERATIONS I | 2 quarter hours
(Undergraduate)
Specific instruction is given in individual leader development, planning and execution of small unit operations, individual and team development, and the Army as a career choice. Must be a contracted ARMY ROTC cadet.

MSC 303 | APPLIED LEADERSHIP IN SMALL UNIT OPERATIONS II | 2 quarter hours
(Undergraduate)
This course builds upon the previous lessons while introducing advanced leadership theories on motivation, leader modeling, and the role of a leader in an organization. Must be a contracted ARMY ROTC cadet.

MSC 321 | FUNDAMENTALS OF MILITARY LEADERSHIP AND TRAINING | 2 quarter hours
(Undergraduate)
Instruction and case studies, which build leadership competencies and military skills in preparation for further responsibilities as Army Officers. Specific instruction in the principles of war, decision-making processes, planning models, and risk assessment. Advanced leadership instruction focuses on motivational theory, the role and actions of leaders, and organizational communications. Must be a contracted ARMY ROTC cadet.

MSC 322 | ORGANIZATIONAL LEADERS | 2 quarter hours
(Undergraduate)
Specific instruction is given in individual leader development, planning and execution of small unit operations, individual and team development, and the Army as a career choice. Must be a contracted ARMY ROTC cadet.
MSC 321 is a prerequisite for this class.

MSC 323 | ADVANCED LEADERSHIP | 2 quarter hours
(Undergraduate)
This course builds upon the previous lessons while introducing advanced leadership theories on motivation, leader modeling, and the role of a leader in an organization. Must be a contracted ARMY ROTC cadet.
MSC 322 is a prerequisite for this class.

MSC 341 | COORDINATE ACTIVITIES WITH STAFFS | 2 quarter hours
(Undergraduate)
This module consists of four lessons designed to give the cadet an understanding and appreciation of the critical importance that staff organization, planning, and coordination play in the success or failure of military operations. The module uses historical case studies initially to illustrate these points then transitions to provide an overview of staff fundamentals and principles contained in field manual FM 101-5. Must be a contracted ARMY ROTC cadet.
MSC 322 or MSC 323 is a prerequisite for this class.

MSC 342 | ETHICAL IMPERATIVES FOR THE JUNIOR OFFICER | 2 quarter hours
(Undergraduate)
This six-lesson module on ethics builds upon previous instruction presented in the Basic Course and the MS III year. These lessons further strengthen character and values within the cadets, increase their understanding of the Army's consideration of others' expectations, and improve their capacity to make correct decisions when presented with an ethical or moral dilemma. Must be a contracted ARMY ROTC cadet.
MSC 322 or MSC 323 is a prerequisite for this class.

MSC 343 | ADVANCED MILITARY TOPICS | 2 quarter hours
(Undergraduate)
This course builds upon the previous MS IV lessons while introducing advanced leadership theories on motivation, leader modeling, and the role of a leader in an organization. It will also address the responsibility and process of a leader on how to assess and apply risk assessment within the organization. Must be a contracted ARMY ROTC cadet.

MSC 353 | PHYSICAL READINESS III | 1 quarter hour
(Undergraduate)
Introduction to the principles of fitness: a fast-paced military-style interval training class that incorporates calisthenics and an emphasis on a healthy life style. Students will undergo an evaluation of their physical fitness level and it's progression over the course of the quarter.

MSC 399 | MILITARY THEORY | 1.50 quarter hours
(Undergraduate)
(Independent Study) Intensive research and study of one or more selected topics. The topics and research methodology are determined in consultation with the instructor. May be repeated for maximum of six credit hours.

MSC 401 | THE ARMY OFFICER | 2 quarter hours
(Undergraduate)
This module consists of four lessons designed to give the cadet an understanding and appreciation of the critical importance that staff organization, planning, and coordination play in the success or failure of military operations. The module uses historical case studies initially to illustrate these points then transitions to provide an overview of staff fundamentals and principles contained in field manual FM 101-5. Must be a contracted ARMY ROTC cadet.

MSC 402 | COMPANY GRADE LEADERSHIP I | 2 quarter hours
(Undergraduate)
This six-lesson module on ethics builds upon previous instruction presented in the Basic Course and the MS III year. These lessons further strengthen character and values within the cadets, increase their understanding of the Army's consideration of others' expectations, and improve their capacity to make correct decisions when presented with an ethical or moral dilemma. Must be a contracted ARMY ROTC cadet.

MSC 403 | COMPANY GRADE LEADERSHIP II | 2 quarter hours (Undergraduate)
This course builds upon the previous MS IV lessons while introducing advanced leadership theories on motivation, leader modeling, and the role of a leader in an organization. It will also address the responsibility and process of a leader on how to assess and apply risk assessment within the organization. Must be a contracted ARMY ROTC cadet.