

# MILITARY SCIENCE (MSCI)

## **MSCI 1010 Basic Leadership I Laboratory/Practicum**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. No credit, or as awarded by cross-enrolled schools.

Fall

Corequisite: MSCI 1100

1 Course Unit

## **MSCI 1020 Basic Leadership I Laboratory/Practicum**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. No credit, or as awarded by cross-enrolled schools.

Spring

Corequisite: MSCI 1200

1 Course Unit

## **MSCI 1100 Leadership and Personal Development**

Introduces students/cadets to the personal challenges and competencies that are critical for effective leadership. Focus is placed on developing basic knowledge and comprehension of the U.S. Army's Leadership Dimensions while gaining a "big picture" understanding of the Army ROTC program, its purpose in the U.S. Army and our nation, and its advantages for the student. Classes are conducted for one hour once each week. Credit excluded from full-time calculation.

Fall

Corequisite: MSCI 1010

1 Course Unit

## **MSCI 1200 Foundations In Leadership**

Reviews leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback and using effective writing skills. Students/cadets are also exposed to key fundamentals of skills required to be successful as an MS II cadet; namely military map reading and land navigation, and small unit operations/leadership drills. Credit excluded from full-time calculation.

Spring

Corequisite: MSCI 1020

1 Course Unit

## **MSCI 2010 Basic Leadership 2 Laboratory/Practicum**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. No credit, or as awarded by cross-enrolled schools.

Fall

Corequisite: MSCI 2100

1 Course Unit

## **MSCI 2020 Basic Leadership Laboratory/Practicum**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. Basic Course Leadership Laboratory. 2h. Open only to (and required of) students in the associated Military Science course. Series, with different roles for students at different levels in the program. Learn and practice basic skills. Gain insight into Advanced Course in order to make an informed decision whether to apply for it. Build self-confidence and team-building leadership skills that can be applied throughout life. Basic Course Physical Fitness. Only open to students in MSCI 1010, MSCI 1020, MSCI 2010 and MSCI 2020. Series, with different roles for students at different levels in the program. Participate in and learn to lead a physical fitness program. Emphasis on the development of an individual fitness program and the role of exercise and fitness is one's life. Students who continue in the advanced course as juniors and seniors become obligated to serve either on active duty or in the reserve component. The Advanced Course consists of the courses MSCI 3010, MSCI 3020, MSCI 4010 and MSCI 4020. It is open only to students who have completed the Basic Course or earned placement credit for the basic course (various methods). The Advanced Course is designed to qualify a student for a commission as an officer of the United States Army. Students must complete all courses numbered greater than 3000, to include a six-week Advanced Camp during the summer, usually between the junior and senior years. The courses must be taken in sequence unless otherwise approved by the Professor of Military Science. All contracted students receive \$150 per month stipend during the school year. No credit, or as awarded by cross-enrolled schools.

Spring

Corequisite: MSCI 2200

1 Course Unit

## **MSCI 2030 Leadership Lab**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills.

1 Course Unit

## **MSCI 2100 Innovative Tactical Leadership**

Explores the dimensions of creative and innovative tactical leadership strategies and styles by studying historical case studies and engaging in interactive student exercises. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of rank, uniform, customs and courtesies. Credit excluded from full-time calculation.

Fall

Corequisite: MSCI 2010

1 Course Unit

## **MSCI 2200 Leadership In Changing Environments**

Examines the challenges of leading in complex contemporary operational environments. Students/cadets are exposed to more complex land navigation/map reading tasks, as well as more advanced small unit operations/leadership drills. Cadets develop greater self awareness as they practice communication and team building skills. Credit excluded from full-time calculation.

Corequisite: MSCI 2020

1 Course Unit

## **MSCI 2300 Adaptive Team Leadership**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills.

1 Course Unit

**MSCI 3010 Leadership Laboratory/Practicum 3**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. No credit, or as awarded by cross-enrolled schools.

Fall

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200

Corequisite: MSCI 3100

1 Course Unit

**MSCI 3020 Leadership Laboratory/Practicum**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. ROTC Advanced Camp. A six-week camp conducted at an Army post. Only open to (and required of) students who have completed MSCI 3010 and MSCI 3020. The student receives pay. Travel, lodging and most meal cost are defrayed by the US Army. The Advanced Camp environment is highly structured and demanding, stressing leadership at small unit levels under varying, challenging conditions. Individual leadership and basic skills performance are evaluated throughout the camp. The leaders and skills evaluations at the camp weigh heavily in the subsequent selection process that determines the type commission and job opportunities given to the student upon graduation from ROTC and the university Nurse Summer Training Program. Consist of three weeks at an Advanced Camp (see above) and up to five weeks serving as a nurse in a military medical treatment facility. Only open to (and required of) nursing students who have completed MSCI 3010 and MSCI 3020. Replaces normal advanced. The student receives pay. Travel, lodging and most meal costs are defrayed by the US Army. The camp and clinical environments are demanding, stressing leadership and basic skills performance are evaluated throughout. The leadership and skills evaluations weigh heavily on the subsequent selection process that determines the job opportunities offered to the nurse upon graduation. No credit, or awarded by cross-enrolled schools.

Spring

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200

Corequisite: MSCI 3200

1 Course Unit

**MSCI 3100 Leadership in Contact**

Uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading small units. Skills in decision-making, persuading, and motivating team members when "in combat" are explored, evaluated, and developed. Credit excluded from full-time calculation.

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200

Corequisite: MSCI 3010

2 Course Units

**MSCI 3200 Complex Team Leadership Issues**

Challenges cadets with more complex leadership issues to further develop, practice, and evaluate adaptive leadership. Cadets continue to analyze and evaluate their own leadership values, attributes, skills and actions in preparation for the Leadership Development and Assessment Course (LDAC). Primary attention is given to preparation for LDAC and the development of both tactical skills and leadership qualities. Credit excluded from full-time calculation.

Spring

Corequisite: MSCI 3020

1 Course Unit

**MSCI 3300 Military Leadership**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills.

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200

1 Course Unit

**MSCI 4010 Leadership Laboratory/Practicum 4**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. Credit excluded from full-time calculation.

Fall

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200 AND MSCI 3010 AND MSCI 3020 AND MSCI 3100 AND MSCI 3200

Corequisite: MSCI 4100

1 Course Unit

**MSCI 4020 Leadership Laboratory/Practicum**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills. Advance Course Leadership Laboratories. 2h. Open only to students in the associated Military Science course. Series, with different roles for students at different levels in the program. Involves leadership responsibilities for the planning, coordination, execution and evaluation of various training and activities with Basic Course students and for the ROTC program as a whole. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. Advanced Course Physical Fitness. Only offered to (and required of) students in MSCI 3010, MSCI 3020, MSCI 4010 and MSCI 4020, of which this program is an integral part. Series, with different roles for students at different levels in the program. Participate in and learn to plan and lead physical fitness programs. Develops the physical fitness required of an officer in the Army. Emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life. No credit, or as awarded by cross-enrolled schools.

Spring

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200 AND MSCI 3010 AND MSCI 3020 AND MSCI 3100 AND MSCI 3200

Corequisite: MSCI 4200

1 Course Unit

**MSCI 4030 Leadership Lab**

Provides hands-on experience to reinforce leadership fundamentals, while emphasizing increased awareness of and proficiency in military skills.

1 Course Unit

**MSCI 4100 Developing Adaptive Leaders**

Develops cadet proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make ethical decisions, and provide coaching to fellow ROTC cadets. Credit excluded from full-time calculation.

Fall

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200 AND MSCI 3010 AND MSCI 3020 AND MSCI 3100 AND MSCI 3200

Corequisite: MSCI 4010

1 Course Unit

**MSCI 4200 Leadership in the Contemporary Operating Environment of the 21st Century**

Explores the dynamics of leading in the complex situations of current military operations. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support are examined and evaluated. Credit excluded from full-time calculation.

Prerequisite: MSCI 1010 AND MSCI 1020 AND MSCI 1100 AND MSCI 1200 AND MSCI 2010 AND MSCI 2020 AND MSCI 2100 AND MSCI 2200 AND MSCI 3010 AND MSCI 3020 AND MSCI 3100 AND MSCI 3200

Corequisite: MSCI 4020

2 Course Units

**MSCI 4300 Advanced Leadership in Contemporary Environments**

Continues exploration of the dynamics of leading in the complex situations of current military operations. Culminates the ROTC curriculum with a capstone "hands-on" small unit leadership exercise which tests the cadet's tactical, technical and leadership skills utilizing an intense, realistic tactical scenario based on actual military operations in the contemporary operating environment of the 21st century.

2 Course Units