

# Military Science (MILS)

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## Courses

### **MILS 101. Basic Military Science. 0.5 Units.**

A study of the defense establishment and the organization and development of the United States Army. A study of military courtesy, discipline, customs and traditions of the service. A historical perspective of the role of the different branches of the United States Army and the role they have played in the freedom of our nations. An introduction to physical readiness training and exercises that normally include M16/M4 rifle firing simulator, rappelling, and airmobile helicopter operations. Weekly leadership laboratories. If a scholarship/contracted cadet requires mandatory physical training.

### **MILS 102. Basic Military Science II. 0.5 Units.**

A review of the customs and traditions of the service. Continued emphasis on physical training and exercises which normally include M16/M4 rifle firing simulator, rappelling, and airmobile helicopter operations. Weekly leadership laboratories. If a scholarship/contracted cadet requires mandatory physical training.

### **MILS 190. Special Topics Military Science. 0.75 to 1 Units.**

#### **MILS 201. Basic Military Leadership I. 0.5 Units.**

A review of the customs and traditions of the service. The fundamentals of leadership development and the importance of understanding the principles of effective leadership. The focus is on goal setting, communication, problem solving, decision making, and the group process. The course requires mandatory physical training and includes lecture and laboratory.

#### **MILS 202. Basic Military Leadership II. 0.5 Units.**

The fundamentals of military geography and their application in the use of navigational aids for military forces. A study of preventive medicine countermeasures and first aid techniques that every leader must know. Includes lecture, leadership laboratory and mandatory physical training. Two weekend training exercises normally include M16/M4 range firing simulator, rappelling, and airmobile helicopter operations.

#### **MILS 285. Independent Study. 0.5 or 1 Units.**

#### **MILS 290. Special Topics Military Science. 1 Unit.**

#### **MILS 298. U.S. Army Airborne School. 1 Unit.**

Trains students in military parachuting techniques. There are three phases of training. During the ground phase, students learn how to do parachute landing falls and practice exiting the aircraft. During the tower phase, a team effort or "mass exit" concept replaces the individual type training of the ground phase. During the jump phase, students will complete five parachute jumps, with at least one being a night operation. The jumps are conducted at 1200 ft above ground level from a fixed wing aircraft. Emphasis on physical fitness through all phases of training. This course is open only to enrolled ROTC cadets who demonstrate appropriate levels of physical fitness and emotional maturity.

### **MILS 301. Officership I. 1 Unit.**

A course examining the foundations of officership, the character, responsibilities, and status of being a commissioned officer. Emphasis is put on the warrior ethos. The course covers a wide spectrum of subjects, from training in common military skills to fostering a value system that emphasizes service to the nation, readiness to persevere in the face of obstacles, and willingness to make personal sacrifices in pursuit of the greater good. The course includes lectures, advanced leadership laboratory, physical training, and practical field training exercises. Prerequisites: Completion of basic military science (or constructive credit) and status of a contracted Army ROTC cadet. This course is taught at Embry-Riddle Aeronautical University.

### **MILS 302. Officership II. 1 Unit.**

A continuing development of the processes that distinguish commissioned military service from other professional endeavors. The main emphasis of this class is the preparation of cadets for the month long Leadership Development and Assessment Course they normally attend at the end of the junior year. Here their capability to conceptualize, innovate, synthesize information, and make sound decisions while under stress is evaluated. Includes advanced leadership laboratory, enhanced physical training, and practical field training exercises. Prerequisite: MILS 301. This course is taught at Embry-Riddle Aeronautical University.

### **MILS 385. Independent Study. 0.5 or 1 Units.**

### **MILS 390. Special Topics Military Science. 1 Unit.**

#### **MILS 401. Advanced Military Leadership. 1 Unit.**

A study of military professionalism and emphasis on command and staff relationships, organizational functions and duties of various staff officers that assist in the leadership of the organization. A study of personnel and logistical systems and the role they play in helping the organization optimize operations and improve life in the Army community. Training in staff briefings is used as an introduction to military procedures. The course includes lecture, laboratory, and physical readiness training. Prerequisites: MILS 301 and MILS 302. This course is taught at Embry-Riddle Aeronautical University.

#### **MILS 402. Advanced Military Leadership II. 1 Unit.**

A study of ethics and professionalism in the military and the role they play in carrying out the defense policy of the United States. The fundamentals of military law, its impact on the American military society. A study of the law, its impact on the American military society, and its place in the jurisdictional process of American society. A study of the law and warfare and its relationship to the conduct of soldiers in combat. The course includes lectures, laboratory, and physical readiness training. Prerequisite: MILS 401. This course is taught at Embry-Riddle Aeronautical University.

### **MILS 485. Independent Study. 0.5 or 1 Units.**

### **MILS 490. Special Topics Military Science. 1 Unit.**