

DEPARTMENT OF NAVAL SCIENCE / NROTC

Established in 1926

The NROTC program offers students the opportunity to qualify for service as commissioned officers in the United States Navy or Marine Corps. The program's objectives are to provide students with an understanding of the basic concepts and principles of naval science, associated professional knowledge, and the requirements for national security. NROTC students receive an educational background that allows them to later undertake advanced education in the naval service.

The NROTC program is an officer accession program for the unrestricted line communities (Surface Warfare, Submarines, Aviation, Marine Corps). Upon graduation, the student is commissioned as an officer in the Navy or Marine Corps. Naval officers are ordered to active duty in submarines, surface combatants, or the aviation community. Marines undergo training leading to a variety of specialties. NROTC students are enrolled in one of the following three categories: three-year or four-year scholarship students, college programmers, or two-year scholarship students.

The NROTC Program was established to develop midshipmen mentally, morally and physically and to imbue them with the highest ideals of duty, and loyalty, and with the core values of honor, courage and commitment in order to commission college graduates as naval officers who possess a basic professional background, are motivated toward careers in the naval service, and have a potential for future development in mind and character so as to assume the highest responsibilities of command, citizenship and government.

NS 1000. Naval Science Leadership Lab. 1 Credit Hour.

Leadership Laboratory is an engaging and interactive professional development course required every semester for Navy and Marine option Midshipmen in the NROTC program.

NS 1321. Introduction to Naval Sciences. 3 Credit Hours.

This course is an introduction and orientation class designed to give students a broad overview of the roles of the United States Navy and Marine Corps. This course also provides an introduction to the structure, terminology, customs, and uniforms of the Navy and Marine Corps.

NS 1323. Naval Maritime History. 3 Credit Hours.

This course surveys U.S. Naval history from its European origin to the present with emphasis on major developments and the geopolitical forces shaping these developments. The course also covers present day concerns in seapower and maritime affairs, including the economic and political issues of maritime commerce, the law of the sea, and the rise and decline of the Soviet Navy.

NS 2321. Naval Leadership and Management. 3 Credit Hours.

Survey of managerial functions, communication, and major theories of leadership and motivation applied to the Navy organization. Culminates with focus on Naval core values.

NS 2323. Navigation. 3 Credit Hours.

This course develops and broadens the student's understanding of basic piloting and the laws of vessel operations by applying the fundamentals of navigation at sea.

NS 3323. Evolution of Warfare. 3 Credit Hours.

A historical exploration of warfare practiced by great nations. Selected campaigns are studied with emphasis on leadership, evolution of tactics, weaponry, and principles of war.

NS 3324. Marine Weapons and Tactics. 3 Credit Hours.

This course is a preparatory course required by all Marines and Marine Options their junior year prior to Officer Candidates School. General military subjects, land navigation, history, tactics drill, leadership, and physical fitness will be taught and tested.

NS 3325. Naval Weapons Systems. 3 Credit Hours.

This course develops and broadens the student's understanding of basic engineering concepts and principles as applied to naval weapon systems.

NS 3326. Naval Engineering Systems. 3 Credit Hours.

This course develops and broadens the student's understanding of basic engineering concepts and principles as applied to naval engineering plants.

NS 4320. Naval Operations and Seamanship. 3 Credit Hours.

This course builds on the fundamentals presented in its prerequisites and further prepares soon-to-be-commissioned officers to step aboard their new ship/submarine and stand watch.

NS 4322. Naval Leadership and Ethics. 3 Credit Hours.

Prepares future leaders by exploring and applying a wide range of leadership and ethics tools to enhance objective, sound, and timely decision-making in the most challenging environments. The course integrates an intellectual exploration of Western moral traditions and ethical philosophy with military leadership, core values, professional ethics, and the Uniform Code of Military Justice.

NS 4333. Fundamentals of Maneuver Warfare. 3 Credit Hours.

Broad aspects of warfare and their interactions with maneuver warfare doctrine. Focus on the United States Marine Corps as the premier maneuver warfare fighting institution.