

NAVAL SCIENCE (NS)

NS 002, LEADERSHIP, 0 Credits

Provides students with basic personal and interpersonal leadership skills that can be used within and outside of a work setting. Through practice, the leadership experience help students explore motivation, decision-making, time management, power, team building, conflict, ethics, dealing with change, communication skills, and diversity issues.

NS 111, INTRO TO NAVAL SCIENCE, 3 Credits

Naval organization and administration; organization of the Navy or Marine Corps, the Navy and Marine Corps as a career, responsibilities and commitments as an officer in the Navy or Marine Corps.

NS 112, U.S. NAVAL HISTORY I, 3 Credits

A study of U.S. seapower and maritime affairs from the American Revolution through 1900. Lec/lab.

NS 113, U.S. NAVAL HISTORY II, 3 Credits

A study of U.S. seapower and maritime affairs from 1900 through present day. Lec/lab.

Prerequisite: NS 112 with D- or better

NS 211, LEADERSHIP AND MANAGEMENT, 5 Credits

The first of two core leadership courses that provide the academic foundation of the four-year continuum of leadership development in Naval ROTC. Includes key concepts from various fields in leadership, management, the behavioral sciences, and information that comes straight from the Navy and Marine Corps. The theory to application model provides a scholarly framework.

NS 212, NAVAL ENGINEERING, 5 Credits

Propulsion, basic engineering systems theory, and concepts application in modern ship and jet propulsion. Course will include auxiliary systems, theory and design of shipboard auxiliaries, ship design, and damage control/safety procedures. Offered every other winter term.

Prerequisite: NS 111 with D- or better

NS 311, NAVIGATION, 5 Credits

Introduction to navigation including piloting, dead reckoning, and voyage planning. Course includes nautical rules of the road, maneuvering board, relative motion, and shipboard external communications.

NS 313, NAVAL OPERATIONS AND SEAMANSHIP, 3 Credits

Theory of shiphandling, communications, shipboard evolutions, heavy weather, case study discussions.

Prerequisite: NS 311 with D- or better

NS 321, EVOLUTION OF WARFARE, 5 Credits

Provides a basic understanding of the art and practice of warfare from the beginning of recorded history to present day. Utilizes Marine Corps Doctrinal Publications as base documents to evaluate warfare technology, tactics, and strategic thought. Special emphasis is placed on the evolution and innovation of warfare, and decision-making at all levels of war. Historical case studies recognize and reinforce patterns, enduring themes, and principles of warfighting. Historical study is not simply to ascertain what happened, but to use historical lessons learned as a basis for making practical judgments about the present and future.

NS 323, NAVAL SCIENCE III: MARINE CORPS OPTION, 3 Credits

Explores a fundamental understanding of the basic military skills required for completion of the commissioning course at Officer Candidate School (OCS). Examines USMC history, mission and organization, map reading, land navigation, small unit leadership and tactics, 5-paragraph order, and M16 familiarization, in order to face the environment expected during OCS.

Prerequisite: NS 321 with D- or better

NS 405, READING AND CONFERENCE, 1-16 Credits

To prepare midshipmen returning from a leave of absence from the Naval ROTC program for commissioning and entrance into the fleet.

This course is repeatable for 16 credits.

NS 411, NAVAL WEAPONS SYSTEMS, 5 Credits

Introduction to the theory and development of U.S. Naval weapons systems, current weapons systems types, platforms, and employment. Course will include naval weapons systems types, launch platforms, characteristics and employment.

Prerequisite: NS 111 with D- or better

NS 413, LEADERSHIP AND ETHICS, 4 Credits

The second of two core leadership courses that provide the academic foundation of NROTC leadership development. The purpose of this capstone course is to provide future naval leaders with a sound moral leadership foundation for "real life" military decision making. Integrates an intellectual exploration of Western moral traditions and ethical philosophy with military leadership, core values, professional ethics, the Uniform Code of Military Justice, and Navy regulations. Combining ethical theory and leadership discussions with current military events will prepare students for the role and responsibilities of leadership in the naval service.

Prerequisite: NS 211 with C- or better

NS 421, FUNDAMENTALS OF MANEUVER WARFARE, 5 Credits

A detailed look at broad aspects of warfare and their interactions with maneuver warfare doctrine, with a focus on the United States Marine Corps. Throughout the course there is a strong focus on leadership, as the fundamental purpose of this course is to develop the skills, knowledge, leadership background, and mindset necessary for a successful Marine Corps Officer. This class is open to all students; however, most topics and concepts of this class are intended to professionally develop future United States Marine Corps officers.

Prerequisite: NS 321 with D- or better