NAVY 1001. Naval Science Laboratory. 0 Hours.
Focuses on either drill instruction or practical work to complement classroom instruction. Must be taken in each class semester by all NROTC nursing students.

NAVY 1101. Introduction to Naval Science. 2 Hours.
Presents a general introduction to the naval profession and the concepts of sea power. Emphasizes the mission, organization, and warfare components of the United States Navy and Marine Corps. Includes an overview of officer and enlisted ranks and rates, training and education, and career patterns. Also covers naval courtesy and customs, military justice, leadership, and nomenclature. Exposes the student to the professional competencies required to become a naval officer.

NAVY 2102. Naval Ships Systems. 3 Hours.
Offers an overview of the engineering plants that propel and power U.S. Navy warships. Covers the basic engineering principles relating to thermodynamics, steam propulsion (conventional and nuclear), gas turbine propulsion, internal combustion engines, electricity generation and distribution, and various support systems. Also discusses ship design, stability, damage control, and some engineering-related ethical issues. At the conclusion of the course, the successful student should have a basic understanding of the engineering systems that naval personnel operate in the fleet.

NAVY 2201. Naval Weapon Systems. 3 Hours.
Covers laser fundamentals, applications, side-looking radar, and radar holography. Includes selected readings on naval weapons and fire control systems.

NAVY 2202. Sea Power and Maritime Affairs. 3 Hours.
Offers a historical study of the U.S. Navy from the American Revolution to the modern era. Traces the U.S. Navy’s rise from a coastal defense force into the world’s premier naval power. Major themes include wars, events, people, technology, strategy, tactics, and diplomacy that shaped naval history and America’s role in the world.

NAVY 2840. History of War. 4 Hours.
Traces five centuries of war to uncover depths of depravity and cruelty and heights of sacrifice and suffering. Why do we make war? Nothing else so engages the human genius for creative destruction.

NAVY 3702. Leadership and Ethics. 3 Hours.
Provides a foundation of leadership principles and management tools and skills to prepare and motivate students to assume the responsibilities of a commissioned officer in the United States Navy confidently. Reinforces leadership principles through leadership case studies with emphasis on core values, responsibility, accountability, loyalty, and professional ethics. Provides a basic background in the responsibilities of a junior division officer and watch officer, with emphasis on training, counseling, career development, military law, and special programs. This is the capstone course of Naval Science.

NAVY 4101. Naval Operations and Seamanship. 3 Hours.
Offers a capstone course for senior midshipmen in advanced navigation, communications, naval operations, and naval warfare. Offers students an opportunity to learn through simulation in a computer classroom.

NAVY 4501. Leadership and Management. 2 Hours.
Studies at an advanced level organizational behavior and management in the context of the naval organization. Topics include the management functions of planning, organizing, and controlling; individual and group behavior in organization; and motivation and leadership. Explores major behavioral theories in detail. Investigates practical applications by the use of experiential exercises, case studies, and lab discussions. Develops other topics including decision making, communication, responsibility, authority, and accountability.