Naval Science (NS)

NS 101. Introduction to Naval Science. 2 hours.
Introduction to sea-power and the naval service. Includes an overview of officer and enlisted rank and rating structures, training, promotion and military courtesy. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 200. Naval Ships Systems. 3 hours.
The types, structure and purpose of naval ships. Includes nuclear, gas turbine, and steam propulsion systems, auxiliary systems, interior communications and damage control. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 201. Naval Weapons Systems. 3 hours.
Introduction to the theory and principles of naval weapons systems. Covers type of weapons, capabilities and limitations and theory of operation. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

NS 202. Sea Power and Maritime Affairs. 3 hours.
Concept of seapower and its effect on history, naval strategies of past and present, the role of U.S. seapower from the Revolutionary War to the present. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 294. Topics in Naval Science. 1-3 hours.
Study of topics in naval science. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

NS 301. Navigation. 3 hours.
Ship navigation. Covers areas of piloting, celestial and electronic means of shipboard navigation. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 302. Naval Operations. 3 hours.
Ship operations and movement. Covers maneuvering, seamanship, communications, and command and control. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 310. Evolution of Warfare. 3 hours.
Survey of all military history thereby providing a very basic understanding of the art and concepts of warfare from the beginning of recorded time to the present. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 320. Amphibious Warfare. 3 hours.
Historical survey of the evolution of amphibious warfare in the twentieth century. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.