Naval Science (NS)

Courses

**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-Discussion and one Lecture-Discussion.

**NS 202. Sea Power and Maritime Affairs. 3 hours.**
The concept of sea power and its effect on history, naval strategies of past and present, the role of U.S. sea power 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.

**NS 350. Naval Leadership and Management. 3 hours.**
A comprehensive, advanced-level study of organizational behavior and management. Topics include a survey of principle management functions. Course Information: Prerequisite(s): Consent of the instructor. To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

**NS 351. Naval Leadership and Ethics. 3 hours.**
Responsibilities of the junior Naval Officer and Division Officer. Professional responsibilities that the junior officer will have after commissioning will be covered. 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 360. Leadership Seminar. 0 hours.**
Application of the study of organizational behavior and management to naval science. Case studies. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Concurrent registration in MGMT 340 and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

**NS 394. Advanced Topics in Naval Science. 1-3 hours.**
Study of advanced 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 399. Independent Study in Naval Science. 1-3 hours.**
Independent study of an area within naval science under the direction of a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor and approval of the department.