N S-NAVAL SCIENCE

N S 0110 Leadership Development 0 Credit Hours
Designed to expose NROTC students to the professional development of a military officer. This is accomplished through military drill, guest lecturers, command situation and role enactment training. The goal is to better prepare young men and women to serve as naval officers in various fleet assignments. (F, Sp)

N S 1123 Introduction to Naval Science 3 Credit Hours
Presents an overview of the mission and organization of the Department of Defense with particular emphasis on the Naval Service. Among the topics covered are military law, leadership fundamentals, naval heritage, naval customs and traditions, and career opportunities for Navy and Marine Corps officers. The course is designed for freshmen enrolled in NROTC but is open to all interested students. (F)

N S 1133 Sea Power And Maritime Affairs 3 Credit Hours
Sea Power And Maritime Affairs. Traces The Development Of Sea Power And Analyzes Its Influence On Maritime Strategy Through The Study Of Major Events In Naval History. Students Will Develop An Appreciation For The Overlapping Roles That National Interests, Technical Advances, Maritime Strategists, And Individual Leaders Play In The Formulation Of U.S. Security Strategy And Policy. (Sp)

N S 2113 Leadership and Management 3 Credit Hours
Designed to teach introductory-level leadership and management concepts and applications to sophomore-level Naval ROTC midshipmen and all other interested University students. (F)

N S 2133 Navigation 3 Credit Hours
Introduction to marine navigation, including both traditional and electronic navigation theory and practical applications. Includes concepts in navigational safety, rules of the nautical road, and an introduction to relative motion. (Sp)

N S 3223 Naval Ship Systems I: Naval Engineering Systems 3 Credit Hours
Prerequisite: N S 1123 or permission of instructor. Detailed study of the engineering principles that define Naval Ship Systems. Course focus is on the application of electrical, mechanical, and computer engineering while introducing concepts in ship design, hydrodynamics, and the steam cycle. (F)

N S 3333 Evolution of Warfare 3 Credit Hours
Prerequisite: ENGL 1213 or equivalent. Examines the evolution of warfare throughout history by focusing on warfare concepts, historical case studies, common threads, themes, military leadership, and the relationship between the elements of national power and the strategic, operational, tactical, and technical aspects of war. (Sp)

N S 3433 Naval Ship Systems II - Naval Weapons Systems 3 Credit Hours
Prerequisite: N S 3223 or permission of instructor. Outlines the engineering principles of weapons systems. Course focus is on the application of radar, sonar, and ballistics while introducing the concept of weapons employment through the detect to engage sequence. (Sp)

N S 4433 Naval Operations and Seamanship 3 Credit Hours
Prerequisite: 2133 or permission of instructor. Advanced navigation concepts, including applications to shipboard evolutions and operations. Overview of operational security and tactical communications. Introduction to the law of the sea and international maritime law, naval warfare doctrine and joint operations. (F)

N S 4443 Fundamentals of Maneuver Warfare 3 Credit Hours
Prerequisite: ENGL 1213. To provide students with the necessary knowledge to understand the fundamentals of maneuver warfare and appreciate the complexities and dynamics posed by the art and science of warfare. (Sp)

N S 4633 Naval Leadership and Ethics 3 Credit Hours
Prerequisite: Junior standing or permission of instructor. An examination of leadership, ethical concepts, and management of naval (Navy and Marine Corps) resources. Objective is to learn the leadership skills, ethical expectations, and management techniques necessary to succeed as a naval officer in leading people and using limited resources in the most efficient manner. Encompasses leadership and ethics readings, and discussion of the uniform code of military justice. (F, Sp)