NS - NAVAL SCIENCE

NS Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/NS/)

Courses

NS 100 Leadership Laboratory credit: 0 Hours. (https://courses.illinois.edu/schedule/terms/NS/100/)
Noncredit course designed to give the Naval ROTC student, through practical application, a better grasp of the naval science subjects taught in the classroom and a working knowledge of close order drill. Approved for S/U grading only. May be repeated.

NS 101 Introduction to Naval Science credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NS/101/)
Naval organization and management practices examined within the context of the naval service, command and control, organization for logistics, service and support, functions and services of major components of the Navy and Marine Corps, and shipboard organization with emphasis on management and leadership functions. Prerequisite: Consent of instructor. No prerequisite for non-NROTC students.

NS 102 Sea Power and Maritime Affairs credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/NS/102/)
Investigates the characteristics of sea power and their impact on the affairs of our nation; discusses those characteristics with historical and modern applications to the United States and other world powers. Prerequisite: No prerequisite for non-NROTC students.

NS 120 Intro to US Armed Forces credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/120/)
Same as AFAS 120 and MILS 120. See MILS 120. This course satisfies the General Education Criteria for Humanities - Hist Phil.

NS 204 Navigation/Naval Operations I credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/204/)
Introduces the basic concepts of marine navigation, international and inland rules for vessels at sea and the use of maneuvering boards in safe ship maneuvering. Explores principles of navigation and methods used to aid in navigation. Provides a solid foundation of the fundamentals of marine navigation and its importance to the United States Navy. Prerequisite: Consent of instructor.

NS 303 Leadership and Management credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/303/)
Leadership and Management is a study of organizational behavior and management with an emphasis on situational leadership. Students will explore a variety of leadership and management topics including the classical theories of management, motivation, and communication to help prepare students for leadership challenges in any environment and any industry. Prerequisite: No prerequisite for non-NROTC students.

NS 305 Introduction to Naval Engineering credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/NS/305/)
Fundamentals of ship compartmentalization, propulsion systems, engine theory and turbine theory, and naval warship control. Examines elements of ship design, damage control, and ship stability. Thermodynamic processes and their application to conventional and nuclear power generation. Energy storage systems such as hydraulics and compressed air systems. Electrical theory and distribution applications. Applications and case studies of engineering documentation, maintenance, and material management. Prerequisite: Consent of instructor.

Information listed in this catalog is current as of 07/2024