Naval Science (NROTC) - NAVS

Courses

**NAVS 1010 INTRODUCTION TO NAVAL SCIENCE (3)** LEC. 3. Basic areas of Naval Science including uniforms and insignia, military courtesy, discipline, warfare components, organizational structure, and supporting elements of the U.S. Navy and U.S. Marine Corps.

**NAVS 1011 INTRO TO NAVAL SCIENCE LAB I (1)** LAB. 3. An introduction to the Reserve Officer Training Corps and the US Navy and USMC.

**NAVS 1020 SEAPOWER AND MARITIME AFFAIRS (3)** LEC. 3. Introduction to broad principles, concepts and elements of naval history, seapower, and maritime affairs from past to present.

**NAVS 1021 INTRO TO NAVAL SCIENCE LAB II (1)** LAB. 3. An introduction to the Reserve Officer Training Corps and the US Navy and USMC.

**NAVS 2010 LEADERSHIP AND MANAGEMENT (3)** LEC. 3. Fundamentals of leadership and management theory vital to the effectiveness of Navy/Marine Corps officers.

**NAVS 2011 LEADERSHIP DEVELOPMENT LAB I (1)** LAB. 3. To learn ethics-based leadership skills that develop individual attributes and contribute to effective team building. Includes naval drill, physical fitness and general military leadership instruction.

**NAVS 2021 LEADERSHIP DEVELOPMENT LAB II (1)** LAB. 3. To learn ethics-based leadership skills that develop individual attributes and contribute to effective team building.

**NAVS 2060 NAVIGATION (3)** LEC. 3. Theory and principles of piloting involving the use of visual and electronic aids.

**NAVS 3011 SMALL UNIT LEADERSHIP LAB I (1)** LAB. 3. Introduction to individual and team aspects of military training in small unit operations.

**NAVS 3021 SMALL UNIT LEADERSHIP LAB II (1)** LAB. 3. Series of practical opportunities to lead small groups, receive performance assessments and coaching, and lead again in situations of increasing complexity.

**NAVS 3030 EVOLUTION OF WARFARE (3)** LEC. 3. Pr. P/C NAVS 3011 or P/C NAVS 3021. Forms of warfare practices to identify historical continuity and change in the evolution of warfare. Explores the impact of historical precedent, economic factors and technological change on politico-military thought and action.

**NAVS 3050 NAVAL SHIP SYSTEMS I (ENGINEERING) (3)** LEC. 3. Principles of ship design, construction, and stability. Introduction to thermodynamics and the steam cycle as applied to naval propulsion systems.

**NAVS 3060 NAVAL SHIP SYSTEMS II WEAPONS (3)** LEC. 3. Theory and employment of systems through a study of fundamental principles of sensor, tracking, computational, and weapons delivery subsystems.

**NAVS 4011 ENS AND SECOND LT LAB I (1)** LAB. 3. Plan, conduct, and evaluate training and organizational cohesion. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques.

**NAVS 4020 LEADERSHIP AND ETHICS (3)** LEC. 3. Pr. NAVS 2010. Departmental approval. Integrates an intellectual exploration of Western moral traditions and ethical philosophy with a variety of topics, such as military leadership, core values, and professional ethics.

**NAVS 4021 ENS AND SECOND LT LAB II (1)** LAB. 3. Discuss current events, affairs, policies and programs that affect the United States Navy and Marine Corps.


**NAVS 4050 NAVAL OPERATION AND SEAMANSHP (3)** LEC. 3. Inland and International law governing maritime operations, communication procedures, and other naval/maritime operational procedures.