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 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military instruction.

NAVS 1020 SEAPower AND MARITIME AFFAIRS (3) LEC. 3. Coreq. NAVS 1021. Introduction to broad principles, concepts and elements of naval history, seapower, and maritime affairs from past to present.

NAVS 1021 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Coreq. NAVS 1020. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction. Course may be repeated with change in topics.

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 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Coreq. NAVS 2010. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction.

NAVS 2021 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction.


NAVS 3011 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Coreq. NAVS 3050. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction.

NAVS 3021 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction.

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. Coreq. NAVS 3011. 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. Coreq. NAVS 3021. Theory and employment of systems through a study of fundamental principles of sensor, tracking, computational, and weapons delivery subsystems.

NAVS 4011 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Coreq. NAVS 4050. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction.

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 NAVAL SCIENCE LABORATORY (0) LAB. 3. SU. Coreq. NAVS 4020. Required for commission in Navy/Marine Corps. Includes naval drill, physical fitness and general military leadership instruction. Course may be repeated with change in topics.


NAVS 4050 NAVAL OPERATION AND SEAMANSHIP (3) LEC. 3. Coreq. NAVS 4011. Inland and International law governing maritime operations, communication procedures, and other naval/maritime operational procedures.