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LSC Use Only
Number: _____
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Submission Date: _____
Action-Date: _____

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CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person MAJ Patrick Higgins Phone 7-4561

Department Military Science

II. PROPOSAL TYPE (Check All Appropriate Lines)

MLSC **COURSE** _____
Suggested 20 character title

____ New Course* _____
Course Number and Full Title

____ Course Revision _____
Course Number and Full Title

____ Liberal Studies Approval + for new or existing course _____
Course Number and Full Title

____ Course Deletion _____
Course Number and Full Title

X Number and/or Title Change Fundamentals of Military Science
Old Number and/or Full Old Title

Basic Military Leadership
New Number and/or Full New Title

X Course or Catalog Description Change 102 - Basic Military Leadership
Course Number and Full Title

_____ **PROGRAM:** _____ Major _____ Minor _____ Track

____ New Program* _____
Program Name

____ Program Revision* _____
Program Name

____ Program Deletion* _____
Program Name

____ Title Change _____
Old Program Name

_____
New Program Name

III. Approvals (signatures and date)

10APR 2001
Department Curriculum Committee

Department Chair

College Curriculum Committee

College Dean

+ Director of Liberal Studies (where applicable)

*Provost (where applicable)

1993

MLSC: Military Science
Department of Military Science
Academic Affairs Division

MLSC 102 – Basic Military Leadership 2c-11-2sh

This course examines the lifelong requirements of problem solving, decision-making, and leadership. The course is designed to develop student leaders on campus with an emphasis on the unique leadership demands required in the military community. Topics include critical thinking, problem solving methods, leadership theory, followership, group cohesion, goal setting, and feedback mechanisms. The seminar format emphasizes student discussions and practical exercises. Open to all students. No prerequisites. (2 credit hours plus weekly lab attendance)

MLSC Military Science

Department of Military Science
Academic Affairs Division

MLSC 101 Introduction to Military Science 2c-1l-2sh
A study of the organization of the United States Army and the role of the military in today's society. Emphasis is on the customs and traditions of the service, the Total Army concept, and the fundamentals of leadership. Included is instruction in basic military skills, land navigation, and personal nutrition and fitness. Also, see Leadership Laboratory.

MLSC 102 Fundamentals of Military Science 2c-1l-2sh
The study of the basic knowledge regarding military service and the profession of arms. Emphasis is on basic military skills, first aid, and the development of leadership abilities through practical exercises. Included is instruction on offensive and defensive tactics, the Army writing style, and military briefings. Also, see Leadership Laboratory.

MLSC 203 Fundamentals of Tactical Operations, Techniques of Leadership, and Weapons Characteristics 2c-1l-2sh
Organization, techniques, resources, and capabilities involved in conducting small-unit tactical operations. Emphasis is on leadership, organization, and management techniques needed to cause a group of people to accomplish specific objectives. Characteristics of military weapons systems are taught. Students serve as leaders in Leadership Labs.

MLSC 204 National Security and Fundamentals of Military Topography 2c-1l-2sh
The study of national security concepts, policies, and the national decision-making process with emphasis on national resources, national will, and economic factors. Included will be a study of nuclear and conventional response options. Fundamentals of military topography including the use of military maps to determine topographic features, to conduct land navigation, and to perform terrain analysis will be covered. Also, see Leadership Laboratory.

MLSC 305 Fundamentals of Leadership and Modern Learning/Teaching Relationship 3c-1l-3sh
A study in practical application of principles of leadership/management as applied in classroom and field to include case studies in psychological, physiological, and sociological factors which affect human behavior; individual and group solution of leadership problems common to small units. Also, see Leadership Laboratory.

MLSC 306 Study of Advance Leader Planning and Execution of Modern Combat Operations 3c-1l-3sh
An analysis of leader's role in directing and coordinating efforts of individuals and small units in execution of offensive and defensive tactical missions, to include command and control systems, the military team, and communications techniques. Also, see Leadership Laboratory.

MLSC 407 Management of the Military Complex to Include Fundamentals of Military and International Law 3c-1l-3sh
The study of the various managerial elements needed to effectively control a military organization and the techniques used to accomplish these functions. Studies in military law and international law prepare the students for their legal responsibilities. Also, see Leadership Laboratory.

MLSC 408 Seminar in Military Analysis and Management 3c-1l-3sh
Contemporary analysis of use of military in world affairs to include importance of strategic mobility and neutralization of insurgent movements. Selected management problems and situations will be presented as they relate to military justice, administration, and obligation and responsibilities of an officer. Also, see Leadership Laboratory.

Leadership Laboratory (one afternoon per week) var-0sh
A practical experience designed for the attainment and application of leadership principles. Concurrently scheduled in conjunction with all Military Science courses, it provides for practical challenges in personal accomplishment, both physical and mental, and for development of team work and leadership.

Summer Camp var-0sh
Students attend a six-week summer camp upon completion of the first year of the Advanced Course. Time at camp is devoted to practical application of principles and theories taught during the preceding school year. While at camp, each student receives lodging, subsistence, uniforms, medical care, reimbursement for travel, and pay in amount of one-half pay of second lieutenant per month.

MRSC Marine Science

Marine Science Consortium/Biology Department
College of Natural Sciences and Mathematics

MRSC 110 Introduction to Oceanography var-3sh
An introduction to physical, chemical, biological, and geological aspects of oceans and methods and techniques of oceanography. Lab emphasis placed on at-sea assignments.

MRSC 211 Field Methods in Oceanography var-3sh
Prerequisite: MRSC 110 or consent of instructor
A familiarization with dynamic marine environment involving use and application of oceanographic instruments and sampling devices.

MRSC 212 Navigation var-3sh
Prerequisite: Four years' high school math or equivalent or consent of the instructor
Covers navigation, i.e., the art and science of safely bringing a vessel from one position to another in a body of water. Course divided into (1) brief historical background; (2) navigation within sight of land, i.e., piloting; (3) navigation in the open sea, including electronic navigation methods.

MRSC 221 Marine Invertebrate Zoology var-3sh
Prerequisite: One year of biology or consent of instructor
A study of marine invertebrates with emphasis on development, reproduction, structure, function, and classification of selected marine organisms.

MRSC 241 Marine Biology var-3sh
Prerequisites: Botany and zoology or consent of instructor
A study of plant and animal life in marine environment with emphasis placed upon physical and chemical factors affecting biota.

MRSC 250 Management of Wetland Wildlife var-3sh
The ecology and management of wetland wildlife, particularly of freshwater marshes and saltwater marshes. Special emphasis on ecosystem approach.

MRSC 260 Marine Ecology var-3sh
Prerequisite: One year of biology or consent of instructor
A course in ecology of marine organisms.

MRSC 270 Scuba Diving var-3sh
Prerequisites: Swimming ability and good health. (A standard diving physical form will be mailed to students electing the course.)
Students who complete course will receive a National Association of Underwater Instructors Diver Certificate.

MRSC 280 Marine Field Biology var-3sh
Prerequisites: None
An introduction to basic principles of ecology and natural history of selected plants and animals in terrestrial, freshwater, and marine environments. Suitable for non-Science majors.

MRSC 281 Special Topics var-1-3sh
Prerequisite: As appropriate to course content
Special topics are offered on an experimental or temporary basis to explore topics that are not included in the established curriculum. A given topic may be offered under any special topic identity no more than three times. Special topics numbered 281 are offered primarily for lower-level undergraduate students.

MRSC 331 Chemical Oceanography var-3sh
Prerequisites: MRSC 110 and one year of chemistry
Treatment of oceanic chemical phenomena by sampling and laboratory analysis techniques.

MRSC 342 Marine Botany var-3sh
In-the-field studies and laboratory analysis by instrumentation of marine and marine fringe plants in the Middle Atlantic Coast as exemplified by those found in the Cape Henlopen, Delaware, and Wallops Island, Virginia, areas.

MRSC 343 Marine Ichthyology var-3sh
Prerequisites: General Biology and/or consent of the instructor
A study of fishes. Specimens collected along Eastern Seaboard by students will be used to illustrate anatomy, physiology, and systematics of this major vertebrate group. Field collections will give student opportunity to observe relationships of these animals to the biotic and physical environment.