LSC Use Only Number: Submission Date: APR 1 0 2001 Action-Date:

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	CURRICULUM PROPOSAL COVER SHEET University-Wide Undergraduate Curriculum Committee
1.	CONTACT
	Contact Person MAJ PATRICK HIGGINS Phone 7-4561
	Department Military Science
II.	PROPOSAL TYPE (Check All Appropriate Lines)
	MUSC COURSESuggested 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
	Number and/or Title Change Seminar in Military Analysis and Management
	Old Number and/or Full Old Title
	Transition to Lieutenant New Number and/or Full New Title
	Course or Catalog Description Change Strans, ton to Lieutenant MLSC 408
	PROGRAM: Major Minor Track
	New Program*
	Program Name
	Program Revision*
	Program Deletion*
	Program Name
	Title Change
	Oid Program Name
III.	Approvals (signatures and date)
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Depart	thul Striggine 10 APROL Department Chair
Depart	Department Curriculum Committee
	Colin July
Colleg	e Curriculum Committee College Dean
+ Dire	ctor of Liberal Studies (where applicable) *Provost (where applicable)

MLSC: Military Science Department of Military Science Academic Affairs Division

MLSC 408 - Transition to Lieutenant

3c-11-3sh

This course prepares the cadet to accept a commission as an officer and begin service in the Active Army, the Army Reserve, or the Army National Guard. Cadets study the legal aspects of decision-making and leadership, the organization of the National Command Authority, and the organization of Army units from the tactical to the strategic level. The final week instruction prepares the cadets to report to their new duty stations and assume duty as an Army platoon leader. Pre-requisites are MLSC 305, 306, and 407, in that order. On a case-by-case basis, a student may take MLSC 408 before taking MLSC 305, 306, and 407. This "split course option" may be approved only by the Chairperson of the Department of Military Science. (3 semester credit hours plus weekly lab attendance and assumption of a leadership position in the cadet chain of command).

Military Science

Department of Military Science Academic Affairs Division

MLSC 101 Introduction to Military Science

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

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,

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2c-11-2sh Techniques of Leadership, and Weapons Characteristics 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

2c-11-2sh

Military Topography The study of national security concepts, policies, and the national decisionmaking 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-11-3sh

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

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-11-3sh

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-11-3sh 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.

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

An introduction to physical, chemical, biological, and geological aspects of oceans and methods and techniques of oceanography. Lab emphasis placed on at-sea

MRSC 211 Field Methods in Oceanography

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

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

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

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.