



MEMORANDUM

To: Donna E. Shalala, President

From: Richard L. Williamson
Chair, Faculty Senate

A handwritten signature in black ink, appearing to read 'Richard L. Williamson'.

Date: February 2, 2012

Subject: Faculty Senate Legislation #2011-28(B) – Rosenstiel School of Marine and Atmospheric Science Creation of a Marine Science Bachelor Science in Marine and Atmospheric Science (BSMAS) Track for Double Majors in Approved Sciences Programs

At its January 25, 2012 meeting, the Faculty Senate unanimously approved the proposal of the Rosenstiel School of Marine and Atmospheric Science to create a Marine Science Bachelor Science in Marine and Atmospheric Science (BSMAS) track for double majors in approved sciences programs other than Biology, Chemistry, Computer Science, Geology or Physics. The additional BSMAS track is for students with Bachelor Science majors in other science disciplines – Engineering (all majors), Microbiology, Biochemistry, Neuroscience, Mathematics, and Applied Physics.

The supporting materials are enclosed for your reference.

This legislation is now forwarded to you for your action.

RW/rh

Enclosure

cc: Thomas LeBlanc, Executive Vice President and Provost
Roni Avissar, Dean, Rosenstiel School of Marine and Atmospheric Science
William Drennan, Presenter, and Associate Dean for Undergraduate Education

CAPSULE: Faculty Senate Legislation #2011-28(B) – Rosenstiel School of Marine and Atmospheric Science Creation of a Marine Science Bachelor Science in Marine and Atmospheric Science (BSMAS) Track for Double Majors in Approved Sciences Programs

PRESIDENT'S RESPONSE

APPROVED:  DATE: 2/27/12
(President's Signature)

OFFICE OR INDIVIDUAL TO IMPLEMENT: DEAN AVISSAR

EFFECTIVE DATE OF LEGISLATION: IMMEDIATELY
(if other than June 1 next following)

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

Proposal for the Creation of a Marine Science BSMAS track for Double Majors in
Approved Science Programs other than Biology, Chemistry, Computer Science, Geology or Physics

Rosenstiel School of Marine and Atmospheric Science
January 2, 2012

1. Executive Summary

The Rosenstiel School of Marine and Atmospheric Science currently offers the Bachelor Science in Marine and Atmospheric Science (BSMAS) degree for five approved tracks in Marine Science. Each track is a double major program, with the five approved tracks being Biology, Chemistry, Computer Science, Geology and Physics. Within each track the students must fulfill the requirements for both the Marine Science major and the second BS major. Following several student requests, we propose here to create an additional BSMAS track for students with BS majors in other science disciplines: Engineering (all majors), Microbiology, Biochemistry, Neuroscience, Mathematics and Applied Physics. Other disciplines would be subject to approval by the MSC program Director.

2. Track code

The new track would be assigned the code RSMX (subject to final approval).

3. Curriculum

The RSMX curriculum would include the courses common to all BSMAS Marine Science tracks, as follows:

- Marine Science 111, 215, 216, 230, 232, 301, and 12 credits of elective in Marine Science, at least 6 of which must be at the 300-level or higher. [26 credits].
- Biology (150 and 151) or (160 and 161) [5 credits]
- Chemistry 111, 112, 113 and 114 [8 credits]
- Geological Sciences (110 and 114) or 111[4 or 5 credits]
- Mathematics 161-162, one semester of an approved computer or statistics course. [11 credits]
- Physics 205, 206, 207, and either 208 or 209; or Physics 101, 102, 106 and 108 (University Physics is recommended) [10 credits]

Total: 64 or 65 credits, including 26 credits of Marine Science courses.



MEMORANDUM

TO: Professor Richard Williamson, UMI Senate Chair
FROM: Roni Avissar, Dean *Roni Avissar*
DATE: January 3, 2012
SUBJECT: Proposal to create a new Marine Science BSMAS track for double majors in science programs other than Biology, Chemistry, Computer Science, Geology or Physics

On 22 November 2011, the Rosenstiel School Council approved the creation of a new BSMAS track in Marine Science. The new track would allow students pursuing BS degrees in science disciplines outside of Biology, Chemistry, Computer Science, Geology and Physics to add Marine Science as a second major. I approve this decision of the RSMAS faculty, and support the proposal. No significant budgetary impacts are expected from this action.

Roni Avissar, Ph.D.
Professor and Dean

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