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MEMORANDUM

To: Donna E. Shalala, President

From: Richard L. Williamson
Chair, Faculty Senate

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

Date: March 22, 2013

Subject: Faculty Senate Legislation #2012-29(B) –Creation of a Minor in Marine Policy in the Rosenstiel School of Marine and Atmospheric Science

At its March 20, 2013 meeting, the Faculty Senate approved by majority the creation of a minor in Marine Policy in the Rosenstiel School of Marine and Atmospheric Science. The enclosed proposal states that this minor is designed to introduce undergraduate students to the field of Marine Policy. The primary audience for the minor will include students from multiple disciplines including students in Marine Science, provided the policy courses were above and beyond those used for the major.

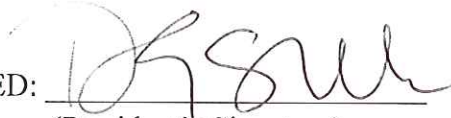
This legislation is now forwarded to you for your action.

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 Professor, Applied Marine Physics

CAPSULE: Faculty Senate Legislation #2012-29(B) –Creation of a Minor in Marine Policy in
the Rosenstiel School of Marine and Atmospheric Science
PRESIDENT’S RESPONSE

APPROVED:  DATE: 3/29/13
(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 minor in Marine Policy at the University of Miami
Rosenstiel School of Marine and Atmospheric Science
February 13, 2013

Summary

At present the Marine Science program offers a single minor in Marine Science, consisting of MSC111 (Introduction to Marine Science) plus twelve credits of MSC courses, six of which must be at the 300-level or higher. The elective courses can be taken from marine science, marine policy, or any combination thereof. This proposal creates a new Marine Policy minor (described below), and redefines the existing Marine Science minor to focus on science. This split is consistent with the University's move to group the General Education requirements into cognates. The new Marine Policy minor would count as a People and Society cognate, while the redefined Marine Science minor would be a STEM cognate. This proposal was passed by the RSMAS School Council at its meeting of 13 February 2013, and approved by Dean Avissar on the same day.

This minor is designed to introduce undergraduate students to field of Marine Policy. The primary audience for the minor will include students in Business, Communications, Ecosystem Science and Policy, Engineering, Latin American Studies, Political Science, and other disciplines. Students in Marine Science would also be eligible for the minor provided the policy courses were above and beyond those used for the major. The minor can be readily added to the normal 4-year BA/BS degree requirements of these disciplines, thereby enhancing the degree.

1) **New Marine Policy minor.** The proposed Marine Policy minor consists of 5 three-credit courses for a total of 15 credits chosen from among the policy and management related courses offered by the undergraduate Marine Science (MSC) program or from selected courses offered by the graduate Marine Affairs and Policy (MAF) program. Note that most of these MSC policy/management courses were previously approved as People and Society courses by the UM curriculum committee. MSC 111 "Introduction to Marine Science", a prerequisite for many higher level MSC policy courses may also be counted towards the minor. The list of courses approved for the Marine Policy minor is:

MSC 111 (Introduction to Marine Science, 3cr)
MSC 310 (Living Resources of the Ocean, 3cr)
MSC 313 (Coastal Law, 3cr)
MSC 314 (Ocean Law, 3cr)
MSC 340 (Ocean Policy, 3cr)
MSC 345 (Economics of Natural Resources, 3cr)
MSC 346 (Climate Science and Policy, 3 cr)
MSC 410 (Marine Conservation, 3cr)
MSC 415 (Coral Reef Management, 3 cr)
MSC 420 (Political Ecology of the Galapagos, 3cr)
MAF 501 (Political Ecology of Marine Management, 3cr)
MAF 504 (Fieldwork in Coastal Management, 3cr)

MAF 510 (Environmental Planning and the Environmental Impact Statement, 3cr)
MAF 512 (Aquaculture Management, 3cr)
MAF 518 (Coastal Zone Management, 3cr)
MAF 530 (Port Operations and Policy, 3cr)

Other approved policy electives from MSC or from MAF (500-level courses only) may also be used towards the minor. All courses in the minor are already on the books. Most are offered annually.

2) **Redefined Marine Science minor.** The re-refined minor consists of 15 credits including: MSC 111 (Introduction to Marine Science, 3cr) plus 12 credits of elective from marine science courses, at least six credits of which must be from marine science courses taken at the 300-level or above. This differs from the current definition in that it includes only the marine science courses among the RSMAS offerings.

Acceptable marine science courses minor include:

MSC 210 The Dynamic Oceans (3 cr)
MSC 215 Chemical Oceanography (3 cr)
MSC 216 Chemical Oceanography Laboratory (1 cr)
MSC 220 Global Climate Change (3cr)
MSC 230 Introduction to Marine Biology (3 cr)
MSC 232 Marine Biology Laboratory (1 cr)
MSC 301 Introduction to Physical Oceanography (3 cr)
MSC 307 Introduction to the Physics of Climate (3 cr)
MSC 315 Marine Biota and Biogeochemical Cycles (3cr)
MSC 316 Global Primary Production (3 cr)
MSC 321 Scientific Programming in the Atmospheric Sciences (3 cr)
MSC 323 Invertebrate Zoology (4 cr)
MSC 324 The Biology of Fishes (3 cr)
MSC 325 Biological Oceanographic Techniques (3 cr)
MSC 326 Marine Genomics (3 cr)
MSC 350 Survey of Marine Mammals (3 cr)
MSC 364 Life in Moving Fluids (3 cr)
MSC 371 Readings in Marine Science (1-2 cr)
MSC 372 Special Topics in Marine Science (1-2 cr)
MSC 403 Introduction to Ocean Engineering (3 cr)
MSC 411 Projects in Marine Science (1-3 cr)
MSC 463 Marine Conservation Genetics
MSC 466 Environmental Physiology: Oxygen, Water and Ion regulatory Stress (3 cr)

In addition, 500 level courses offered by the science divisions at The Rosenstiel School (AMP, MAC, MBF, MGG, MPO and RSM) may be used towards the minor. All courses in the minor are already on the books. Most are offered annually.

Budget: No additional budgetary increase is required for the minor.

Space issues: Existing MSC space in the second floor of Ungar is sufficient for program needs.

Library Support: Library support, at either Richter or RSMAS is adequate for program needs.

----- Original Message -----

Subject:New minor in Marine Policy

Date:Thu, 21 Feb 2013 06:27:30 -0500

From:Roni Avissar <ravissar@rsmas.miami.edu>

To:Faculty Senate <facsen@miami.edu>

CC:William Drennan <wdrennan@rsmas.miami.edu>, Rana Fine
<rfine@rsmas.miami.edu>, Cassandra Wiggins <cwiggins@rsmas.miami.edu>

MEMORANDUM

To: Professor Rick Williamson, Chair
University of Miami Faculty Senate

From: Professor Roni Avissar, Dean
Rosenstiel School of Marine and Atmospheric Science

Date: 18 February 2013

Subject: Approval of new minor in Marine Policy

At our School Council meeting held on 13 February 2013, the faculty of the Rosenstiel School of Marine and Atmospheric Science voted to approve a new minor in Marine Policy. The new minor, which will take effect with the 2013-2014 Bulletin, will fall under the "People and Society" category under the new cognate system. The existing Marine Science minor will be refined to fall under the STEM category.

Cc: Rana Fine, Chair, RSMAS School Council
William Drennan, Associate Dean for Undergraduate Education, RSMAS



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and Assessment


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MEMORANDUM

DATE: February 19, 2013

TO: Dr. William Drennan, Associate Dean for Undergraduate Education
Rosenstiel School of Marine and Atmospheric Science

FROM: Dr. David E. Wiles, Executive Director
Assessment and Accreditation 

SUBJECT: RSMAS – Minor in Marine Policy

On 02/18/2013, the Rosenstiel School of Marine and Atmospheric Science submitted a proposal notifying our office of its intent to implement a new minor in Marine Policy. Based on the details of the proposal, and additional information provided to our office at our request, the implementation of this minor is not considered substantive. Formal notification to the Commission on Colleges of the Southern Association of Colleges and Schools (SACS) will not be required.

Please feel free to contact our office should you have any further questions (305) 284-9431.

cc: Faculty Senate

Dr. William Green, Sr. Vice Provost and Dean of Undergraduate Education
Dr. Roni Avissar, Dean, RSMAS