COAS Certificate in Marine Resources Management
CIP # 03.0205

Proposal Check List

Documentation:

Putting together a Full Proposal-
- Signed transmittal sheet (form)
- Proposal-most recent document (form)
- Budget pages (form)
- Library Evaluation
- Liaison (see policy)
- Letters of Support
These things go on file in our office
- Accessibility Form-read and signed (form)
- Abridged Faculty CV’s

Review Process:

Keeping track of the Proposal-
- Submission to and forward by AP
- Budget and Fiscal Planning Review
- Graduate Council Review
- Curriculum Council Review
- Faculty Senate Approval via FS Executive Committee

------------------------OUS------------------------
- OUS Provost Council
- External Review (if grad)
- State Board of Higher Ed
- Campus Announcement
August 8, 2007

Mina McDaniel  
Director of Academic Programs & Academic Assessment  
110 Kerr Administration  
Oregon State University  
Corvallis, OR 97331

Dear Mina

Please find enclosed a Category I proposal for a Graduate Certificate in Marine Resource Management. If you have any questions about this proposal please do not hesitate to contact me.

Yours sincerely

Michael Harte  
Professor & Director, Marine Resource Management Program  
Oregon Sea Grant Extension Specialist
Category I Proposal Transmittal Sheet
Submit proposals to: Office of Academic Programs and Academic Assessment
110 Kerr Admin -- Oregon State University

For instructions, see http://oregonstate.edu/ap/curriculum/cati.html. Please attach Proposal, Library Evaluation (performed by the library), Liaison Correspondence, Faculty Curriculum Vitae, and Budget Sheets, as appropriate.

Check one:

Full Proposal
☐ New degree program
☐ New certificate program or administrative unit
☐ Major change in existing program
☐ Establishment of a new College or Department

Abbreviated Proposal
☐ Rename of an academic program or unit
☐ Reorganization – moving responsibility for an academic program from one unit to another
☐ Merging or splitting an academic unit
☐ Termination of an academic program or unit
☐ Suspension or reactivation an academic program or unit

For proposals to establish a new center or institute, contact the Research Office (737-3437).

For requests to offer existing certificate and degree programs at new locations, use the New Location Request Form available on the Web: http://www.ous.edu/aca/aca-forms.html

Title of Proposal: GRADUATE CERTIFICATE IN MARINE RESOURCES MANAGEMENT
Department/Program: MARINE RESOURCES MANAGEMENT
College: COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCES

Effective Date: 2007

I certify that the above proposal has been reviewed and approved by the appropriate Department and College committees:

Robert A. Duncan 8-16-07
Sign (Dept Chair/Head; Director) Date

Mark R. Abbey 8-16-07
Sign (Dean of College) Date

Robert A. Duncan
Print (Department Chair/Head; Director)

Print (Dean of College)
Proposal for the Initiation of New Instructional Program Leading to the Graduate Certificate in Marine Resource Management

Oregon State University
College of Oceanic and Atmospheric Sciences
Marine Resource Management Program

1. Program Overview

a) Proposed CIP Number: 03.0205

b) Provide a brief overview (approximately 1-2 paragraphs) of the proposed program, including a description of the academic area and a rationale for offering this program at the present time.

Utilizing existing courses taught at Oregon State University, the proposed 18-credit Graduate Certificate in Marine Resource Management is intended to make the core elements of the existing Masters of Science degree in Marine Resource Management available in an abbreviated form to a wide range of graduate students enrolled in other ocean-related programs at OSU.

Internationally, nationally and in Oregon there is a revolution in interest in marine systems and their interaction with the structure, process and functioning of atmospheric and terrestrial systems. This revolution is driven by many factors including:

- Recognition that change in marine systems and processes is inevitable and that natural change is made more complex by human-induced ecosystem change, much of which is quickly recognized as undesirable.
- Ongoing social, political, demographic and institutional changes that create greater institutional and political challenges for managers of marine resources than those seen so far. This often manifests itself as increased media coverage of marine issues, and non-governmental organization and public pressure for enhanced conservation and protection of marine environments.
- Recognition by marine managers that the demand for and cost of avoiding, mitigating or remedying adverse effects of human activities on the marine environment will increase.

OSU’s Masters of Science in Marine Resource Management (MRM) is a science-based, multidisciplinary program based in College of Oceanic and Atmospheric Science (COAS). Established in 1974, MRM has 200 alumni and currently has 25-30 students in residence at any given time. Another three or four students are pursuing an MRM minor at any given time. More than 40 faculty from COAS, other university departments, and outside institutions participate in MRM. The program has earned national and international recognition for its exceptional training of marine management professionals.

The proposed Graduate Certificate is intended to complement the intensive MRM MS degree by making its core elements more accessible and more attractive to a wider segment of the
graduate student body. The Certificate will have wider appeal to students enrolled in other OSU programs compared to the existing option of an MRM minor. The Certificate would increase interdisciplinary educational exchange with other discipline-specific postgraduate programs at Oregon State University such as Fisheries and Wildlife, Agricultural and Resource Economics, and Public Policy. Award of a formal Graduate Certificate will help management-oriented graduates establish careers in the private sector, government agencies and non-governmental organizations at the local, state, regional, national and international levels.

c) When will the program be operational, if approved?

The Certificate will be operational immediately on approval.

2. Course of Study

a) Proposed Curriculum

The 18 credit Graduate Certificate, utilizing courses currently offered at Oregon State University, will require:

- Completion of:
  - MRM 530 Principles and Practice of Marine Resource Management (3 credits)
  - MRM 525 Special Topics/ Ocean Law (3 credits) or MRM 525 Special Topics/ Coastal Law (3 credits)
- A minimum of 2 courses and at least 6 credits from the human dimensions subject area list.
- A minimum of 2 courses and at least 6 credits from the ocean and atmospheric science systems subject area.

*Human Dimensions subject area:*

- ANTH 581 Natural Resources and Community Values (3 Credits)
- AREC 534 Environmental and Resource Economics (3 credits)
- COMM 540 Theories of Conflict and Conflict Management (3 credits)
- COMM 542 Bargaining and Negotiation Processes (3 credits)
- COMM 544 Third Parties in Dispute Resolution: Mediation and Facilitation (3 credits)
- FW 620 Ecological Policy (3 credits)
- FW 520 Ecology and Management of Marine Fish (3 credits)
- FW 564 Marine Conservation Biology (3 credits)
- MRM 535x Rights-based Fisheries Management (3 credits)
- PS 575 Environmental Politics and Policy (4 credits)
- PS 577 International Environmental Politics and Policy (4 credits)
- SOC 580 Environmental Sociology (3 credits)
- SOC 581 Society and Natural Resources (3 credits)
• SOC 585 Consensus and Natural Resources (3 credits)

The Director of the certificate program may approve the substitution of a similar course or course of higher level at his/her discretion on petition by a registered student.

Ocean and atmospheric systems science subject area:
• ATS 520 Principles of Atmospheric Sciences (4 credits)
• FW 531 Dynamics of Marine Biological Resources (4 credits)
• OC 530 Principles of Physical Oceanography (4 credits)
• OC 540 Biological Oceanography (3 credits)
• OC 533 Coastal & Estuarine Oceanography (3 credits)
• OC 550 Chemical Oceanography (3 credits)
• OC 560 Geological Oceanography (3 credits)
• OC 654 Marine Pollution (3 credits)

The Director of the certificate program may approve the substitution of a similar course or course of higher level at his/her discretion on petition by a registered student.

b) Describe New Courses

No new courses will be created for the Graduate Certificate in Marine Resource Management.

c) Provide a discussion of any nontraditional learning modes to be utilized in the new courses, including, but not limited to: (1) the role of technology, and (2) the use of career development activities such as practica or internships.

No new courses are being offered. Some courses in the curriculum are available via OSU Ecampus or will be made available via OSU e-campus.

d) What specific learning outcomes will be achieved by students who complete this course of study?

Graduates of the Graduate Certificate in Marine Resource Management will demonstrate that they:
• Understand relevant biophysical and human dimensions of marine resource management and facilitate effective communication between scientists, decision makers, and stakeholders.
• Are able to use the physical and social sciences to evaluate and communicate the costs and benefits of management decisions across social, economic and political dimensions.
• Employ technical, communication, education, and leadership skills to design and implement strategies that achieve management goals and facilitate adoption by decision makers.

E) Is There a Maximum Time Allowed for A Student to Complete this Program? If so,
Please Explain

Students will be subject to normal requirements for completion of a program of study in the Graduate School.

3. Accreditation of the Program

The Graduate Certificate will not be seeking accreditation by a professional society or other body.

4. Evidence of Need

a) What Evidence Does the Institution have of Need for the Program?

In its 2004 report *An Ocean Blueprint for the 21st Century* the US Commission on Ocean Policy writes (page 123)

> The nation needs a diverse, knowledgeable, and adequately prepared workforce to enhance understanding of the marine environment and make decisions regarding complex ocean- and coastal-related issues... The education of the 21st century ocean-related workforce will require not only a strong understanding of oceanography and other disciplines, but an ability to integrate science concepts, engineering methods, and sociopolitical considerations. Resolving complex ocean issues related to economic stability, environmental health, and national security will require a workforce with diverse skills and backgrounds. Developing and maintaining such a workforce will rely, in turn, on programs of higher education that prepare future ocean professionals at a variety of levels and in a variety of marine-related fields.

On page 137 of the report the Commission writes:

> Academic institutions also have a responsibility to help meet future ocean related workforce needs. Redesigned graduate programs can expose students to aspects of the marine field outside their primary focus, for example, by exposing science students to policy issues and policy students to the scientific process. Ocean-related graduate programs are well situated to develop cross-disciplinary opportunities, partnering with other university programs (such as education, public policy, economics, communications, resource management, and engineering), or with federal facilities and private laboratories.

The proposed Graduate Certificate in Marine Resource Management helps meet this charge by providing:

- A program design that can integrate seamlessly with masters or doctoral program study in other OSU departments and colleges and at other OUS institutions.
• A recognizable qualification awarded to graduates that is also identifiable to ocean-related employers as being highly relevant to their organizations.

b) Identify Statewide and Institutional Service-Area Employment Needs the Proposed Program Would Assist in Filling

The proposed certificate expands the pool of potential applicants for positions in marine resource management for state agencies such as the Department of Land Conservation and Development, Department of Fish and Wildlife, Marine Board, etc., and also for marine-based industries, coastal county and city planning departments and marine oriented non-governmental organizations and industry groups. It also provides access to training and professional development for staff already employed in these fields.

For example, Oregon’s Department of Fish and Wildlife has asked Oregon State University’s Department of Fisheries and Wildlife to develop a professional development program that provides training at the graduate level for employees of the agency with two or more years of experience. The proposed Certificate provides one training option for Fish and Wildlife staff.

c) Characteristics and Numbers of Students

Potential students are those enrolled in graduate programs at Oregon State University and who also wish to obtain a formal qualification in marine resource management as part of their graduate education. Students will be drawn from the College of Oceanographic and Atmospheric Sciences, the Fisheries and Wildlife and the Agricultural and Resource Economics departments, and College of Liberal Arts students wishing an applied marine emphasis to their degree. Students taking the Graduate School’s interdisciplinary Environmental Science Masters or PhD are also expected to be interested in the Certificate. A continuous campus enrollment of 10 to 15 students is expected with approximately 5-10 new enrollments each year. On average, 4 students a year are enrolled in the existing Marine Resource Management minor.

d) Other Compelling Reasons

None

e) Identify any special interest in the program on the part of local or state groups

None

f) Accessibility of the Program
The program is readily available to campus-based graduate students since it is based on the existing Masters of Science in Marine Resource Management.

5. Similar Programs in the State

a) List All Other Similar OUS Programs

There are no similar OUS programs.

b) In What Way, If Any, Will Resources of Other institutions be Shared

The Ocean Law and Coastal Law courses are offered through the University of Oregon’s Law School and are cross-listed as MRM 525 Special Topics/ Ocean Law and MRM 525 Special Topics/ Coastal Law. The course is delivered to the OSU campus as a telecourse by OSU Media Services.

c) Is there any Projected Impact on Other Institutions on Terms Of Student Enrollment and/Or Faculty Workload?

This program will not impact other institutions in terms of student enrollment or faculty workload. No more than one or two additional students are expected to take the Ocean Law class in any one year.

6. Resources

a) Identify Program Faculty, Briefly Describing Each Faculty Member's Expertise/Specialization

The proposed Graduate Certificate is an interdisciplinary/multidisciplinary program and faculty is drawn from many OSU colleges and departments. Key faculty include:

Flaxen Conway, Associate Professor and Community Outreach Specialist, Sociology/Oregon Sea Grant Extension: Research focuses on coping with change and transition, leadership education, and cooperative learning and research relevant to natural resource dependent communities. Recent projects include evaluating the human dimensions of cooperative fisheries research, the Port Liaison Project, and the Groundfish Disaster Outreach Program.

Robert Collier, Professor, College of Oceanographic and Atmospheric Science, OSU: Research interests include trace element geochemistry of dissolved and particulate materials in the marine environment; processes controlling elemental fluxes at major marine interfaces/estuaries; surface waters; sediments; suspended particles; ridgecrest hydrothermal systems; nutrient and trace metal cycles in fresh water environments.
Lori Cramer Associate Professor, Sociology, OSU: Specialties include natural resource sociology, environmental sociology, social impact assessment, and rural sociology. Research focuses on resource use and social change in Oregon communities, including challenges in Pacific Northwest fishing communities.

Tony D’Andrea, Assistant Professor, College of Oceanographic and Atmospheric Science, OSU: Interests include estuarine ecology; interaction between benthic organisms and reactive organic matter cycling near the sediment-water interface; short-term cycling of phytodetritus in estuarine and continental shelf systems; organic matter cycling in permeable sandy sediments.

Robert Duncan, Professor, College of Oceanographic and Atmospheric Science, OSU: Interests are geochronology and petrogenesis of ocean floor and oceanic island basalts applied to modeling crustal movements in the ocean basins; geochemistry of oceanic basalts to map upper mantle heterogeneities; hydrothermal alteration of midocean ridge basalts; the origin, composition, timing and environmental effects of large igneous processes.

Michael Harte, Director and Professor, Marine Resource Management/Oregon Sea Grant, OSU: Interests are coastal and marine policy development, collaborative fisheries management, developing human capacity for fisheries management, comparative risk assessment, and decision support systems. He has served as commercial fisheries and economic policy advisor for the Falkland Islands Government and General Manager, Policy and Science for the New Zealand Seafood Industry Council Management).

Scott Heppell, Assistant Professor, Fisheries and Wildlife, OSU: Specialty is fish physiology. Research interests include physiological ecology of marine fishes, in particular how physiology, behavior, and life history traits affect the interactions between marine fish stocks and their respective fisheries.

Selina Heppell, Assistant Professor, Fisheries and Wildlife, OSU: Expertise in population ecology, marine fisheries ecology, conservation biology, and life history evolution. Research includes computer modeling and simulation to understand how marine animals respond to human impacts and climate change.

Richard Hildreth, Professor, University of Oregon School of Law; Co-director, Ocean and Coastal Law Center: Expertise in ocean and coastal law; water law; sustainable development. Has taught Ocean Law and Coastal Law via teleconference with OSU campus for several years.

Robert Lackey, U.S.E.P.A., Courtesy Professor, Fisheries and Wildlife, OSU: Expertise includes ecological policy; salmon restoration; biological resource management; fisheries and wildlife management; environmental protection; and ecological risk assessment.

Denise Lach, Associate Professor, Sociology, OSU: Specialties include environmental sociology, applied sociology, social impact assessment, program evaluation, organizational development and sociology, and conflict and dispute resolution. Current research includes
examination of changing roles and expectations for science and scientists in natural resource decision making.

Andrew Plantinga, Associate Professor, Agricultural and Resource Economics, OSU: Research emphasis is on the economics of land use, climate change, and forests. Current projects include market-level models of optimal resource use under uncertainty.

Fredrick Prahl, Professor, College of Oceanographic and Atmospheric Science, OSU: Interested in developing tools to study transport, behavior, and fate of natural and pollutant organic matter in estuarine, coastal, and deep-sea environments; examining consequence of aquatic food webs and early diagenesis on the cycling and preservation of organic matter at the molecular level in natural water and sediments; evaluating what can be realistically gleaned about environmental processes from stratigraphic biomarker analysis in geological records.

R. Kipp Shearman, Assistant Professor, College of Oceanographic and Atmospheric Science, OSU: Research interest is the study of physical processes in coastal ocean using observational, using innovative sampling techniques – such as Autonomous Underwater Vehicles (AUVs) – coupled with modeling and analysis, to explain fundamental physical processes.

Eric Skyllingstad Associate Professor, College of Oceanographic and Atmospheric Science, OSU: Current research includes simulation of the coastal circulations; modeling of turbulence under sea and ice leads; resonant interaction between surface winds and upper ocean turbulence.

Brent Steel, Professor, Political Science, Director Master of Public Policy Program: Expertise in environmental and natural resource policy issues from a domestic and international perspective. Fisheries related research explores peoples' knowledge and values and how these shape attitudes towards, and development of marine policy.

Bryan Tilt, Assistant Professor, Anthropology, OSU: Research interests are environmental anthropology, anthropology of work, rural development, risk assessment and perception, and marine resource management.

Marta Torres, Associate Professor, College of Oceanographic and Atmospheric Science, OSU: Research interests include cold seepage at convergent and transform margins; gas hydrate dynamics; geochemical tracers for fluid flow, transport mechanisms, and fluid provenance in continental margins; analytical geochemistry of sediments and pore fluids; laser ablation ICPMS of foraminifera and clam shells to reconstruct past episodes of fluid flow.

Greg Walker, Professor, Speech Communications. OSU: Research interests are in conflict resolution and natural resource management.
b) New Faculty Members

No new faculty are required for the proposed Graduate Certificate.

c) Support Staff

No additional support staff are required for the proposed Certificate. The program will be administered through the College of Oceanographic and Atmospheric Science’s Student Programs office utilizing existing college resources that are sufficient for this task.

d) Access to Library and Departmental Resources and Additional Financial Resources Required to Expand Collections

The OSU Libraries maintain a strong marine and oceans management collection that already provides for the Masters of Science in Marine Resource Management.

E) How Much, If Any, Additional Financial Support will be Required to Bring Access to Such Reference Materials to an Appropriate Level?

Additional funding for library resources is not required to offer the proposed Graduate Certificate.

F) Unique Resources Required

None
# Category I Proposal Budget Outline

Estimated Costs and Sources of Funds for the Proposed Program

Total new resources required to handle the increased workload, if any. If no new resources are required, the budgetary impact should be reported as zero.

See "Budget Outline Instructions" on the OUS Forms and Guidelines Web site: www.ous.edu/sac/cac/forms.html

**Institution:** Oregon State University

**Category I Proposal Name:** Graduate Certificate in Marine Resource Management CIP # 03.0205

**Academic Year:** 2007-2008

**Operating Year:** 2007-2008

**Completed by:** Lori Hartline/Michael Harte

(Indicate 1st, 2nd, 3rd, or 4th year--prepare one page for each)

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**GRAND TOTALS:** 0 0 0 0 0 0 0 $0

**Percentage of Total**

* See current OPE tables at http://oregonstate.edu/dept/budgets/budghan/d/budget/tables.htm
Memo

To: Oregon State University | Office of Academic Programs and Academic Assessment

From: Michael Harte

Date: 8/2/2007

Re: Zero Budget Worksheet Submission for Marine Resource Management Certificate Category I
    Proposal

The proposed Graduate Certificate requires no additional resources. It is a rearrangement of courses already offered on campus.

Regards,

[Signature]

Dr. Michael Harte
Professor & Director, Marine Resource Management Program
College of Oceanic and Atmospheric Sciences
Sea Grant Extension Specialist, Oregon Sea Grant
104 COAS Administration Building
Oregon State University, Corvallis, 97331
Tel: +1 541 737 1339
Fax: +1 541 737 2064
mharte@coas.oregonstate.edu
Library Evaluation for Category I Proposal

Proposal for the Initiation of New Instructional Program Leading to the Graduate Certificate in the Marine Resource Management

Title of Proposal

Marine Resource Management Program

Department

College of Oceanic and Atmospheric Sciences

College

The subject librarian responsible for collection development in the pertinent curricular area has assessed whether the existing library collections and services can support the proposal. Based on this review, the subject librarian concludes that present collections and services are:

[ ] inadequate to support the proposal (see budget needs below)
[ ] marginally adequate to support the proposal
[X] adequate to support the proposal

Estimated funding needed to upgrade collections or services to support the proposal (details are attached)

Year 1: None
Ongoing (annual): None

Comments and Recommendations:
This is an extension of an existing program that is adequately supported.

Date Received: June 15, 2007
Date Completed: June 28, 2007

Janet Webster
Subject Librarian

Laurel Kristk
Head of Collection Development

Karyle Butcher
University Librarian

Signature

Signature

Signature

Date

Date

Date
Oregon State University Libraries Evaluation of the Collection supporting:  
A Certificate in Marine Resource Management

Overview:
The study of the marine/estuarine environment is by nature interdisciplinary. The four basic disciplines within COAS, biology, geology, physics and chemistry, illustrate this. Marine resource management relies on the core literature of these disciplines as well as the social science for policy, economics, management and cultural information. This is a challenging area for the OSU Libraries to provide adequate collections; however, it remains an area of strength given historic and current commitments to collections and staff expertise.

Collections:
While the traditional MRM Masters program requires significant coursework in the sciences and human dimensions of the subject, this certificate program focuses on more accessible elements of the program. This means that demands on the collection will not increase and can be adequately meet as long the OSU Libraries continues to collect books and journals at the current rate. Formats collected are primarily electronic although certain materials covering the social science aspects are only available in print or from somewhat obscure electronic sources. Care should be taken to collect those, especially the grey and the non North American literature.

Subject-Specific Indexes and Abstracts
The library subscribes to various databases that provide access to the literature in this field. Examples include the following:
- Aquatic Science and Fisheries Abstracts (ASFA), 1972-present
- BIOSIS (Biological Abstracts), 1990-present
- Web of Science (Science Citation Index), 1995-present
Expansion of the backfile of WOS would be helpful for the science components of the program.

Access costs:
As this is a certificate program and will not require a significant research project or thesis, students will probably not be putting increased demands on the OSU Libraries for access to material not owned locally. Where there is demand, some of this can be handled inexpensively through Summit/Cascades Consortium. The cost can be higher if material must be borrowed elsewhere. Average cost to borrow an item is $35. A typical graduate student in the COAS borrows four items per year from outside the OSU libraries. If a student spends a total of four quarters completing the certificate program, the cost per student $140 for access to materials not readily available. With an anticipated cohort of 10 to 15 students, costs for access could range from $1,400 to $2,600 per year.

Library staff and expertise:
Janet Webster is the subject librarian for the Marine Resource Management program. In that capacity, she manages the collection, provides instruction as requested, responds to
reference inquiries, and develops materials to assist faculty members and students in their research. As a professor, she also holds adjunct status in the COAS as part of the MRM faculty. Additional services include the physical attributes of the libraries including excellent computer facilities, study areas for individual and group work, and practice rooms for students.

Summary:
The OSU Libraries currently maintain a strong collection in this area. Our resources and services are adequate to support this certificate program. The recommendations below are reminders to continue ongoing work being done by the OSU Libraries that contributes to the strength of the MRM presence in our collections.

Recommendations:

- Enhance visibility of Sea Grant electronic publications through linkage of catalog records to digital equivalent at the National Sea Grant Library.
  - Cost: ongoing staff time already committed

- Continue to enhance international policy and management component of the Libraries’ collection.
  - Cost: ongoing collection expense already committed.

- Continue to add MRM student reports to ScholarsArchive.
  - Cost: ongoing staff time already in place.
Robert Iltis Speech Comm approval MRM Cert.txt

From: Bob Duncan [rduncan@coas.oregonstate.edu]
Sent: Wednesday, July 18, 2007 9:46 AM
To: Lori Hartline
Subject: [Fwd: RE: MRM certificate]

Lori:

Here's the first of the MRM certificate signoffs.

Bob

-------- Original Message --------
Subject: RE: MRM certificate
Date: Wed, 18 Jul 2007 04:47:36 -0700
From: Iltis, Robert <riltis@oregonstate.edu>
To: Bob Duncan <rduncan@coas.oregonstate.edu>
References: <4693AFE7.8000007@cois.oregonstate.edu>

The department of Speech Communication fully supports this proposal.

Robert S. Iltis, Ph.D.
Associate Professor
Chair
Department of Speech Communication
Shepard Hall
Oregon State University
Corvallis, OR 97331
541-737-2461
541-737-4443 (fax)
riltis@oregonstate.edu <mailto:riltis@oregonstate.edu>

--------------------------------------------------------------------------------
From: Bob Duncan [mailto:rduncan@coas.oregonstate.edu]
Sent: Tue 7/10/2007 9:12 AM
To: Webster, Janet; Edge, W. Daniel; McMurray, David; Lunch, William; Iltis, Robert; Perry, Greg - AREC; Roper, Larry D; Dutson, Thayne; aamos@uoregon.edu; Sylvia, Gil; Malouf, Robert E; Boehlert, George
Cc: Lori Hartline; Duncan, Robert Ames; Allan, Robert S
Subject: MRM certificate

DATE: July 10th, 2007
TO: (head/Chair/Director of relevant campus units which could be affected by the proposal and/or whose common subject matter pertains to the subject matter of the proposal.
FROM: Proposing Department/Chair/Director
SUBJECT: Curriculum Liaison for proposed MRM Certificate.

The attached Category I proposal supporting documents describe a new certificate in Marine Resource Management. In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to your (college/department/program) of our intent to make this curricular change. Please review the enclosed/attached materials and send your comments, concerns, or support to me by August 15th 2007. Your timely response is appreciated. Please note that a lack of response will be interpreted as support. Thank you for your time and input.

Purpose of Liaison and Criteria
Appropriate liaison with other academic units is a mandatory element of every curricular proposal. If liaison is omitted, the proposal will ordinarily be regarded
Robert Iltis Speech Comm approval MRM Cert.txt
as incomplete and returned to its originator. The purposes of liaison are:
. To gather information and opinions concerning the propriety and
quality of the changes being proposed. Feedback should be solicited from all campus
units whose programs or students could be affected by the proposal and/or whose
common subject matter pertains to the subject matter of the proposal. In addition to
attaching all correspondence, it is the originator's responsibility to address
concerns of relevant units.
. To assure that students (including those outside the department) are
not adversely affected by curricular changes.
. To reduce duplication of curriculum and enhance complementarity of
curriculum within the university.

Office of Academic Programs, Oregon State University, Corvallis, OR 97331.
541-737-8084
Contact us with your comments, questions and feedback Copyright © 2004 Oregon State
University | Disclaimer

Liason Request: COAS to Deans/Departments Heads (email address list follows
name/affiliation list) Janet Webster/HMSC Dan Edge/FW Greg McMurray/Anthropology
Lunch/Political Science Robert Iltis/Speech Greg Perry/AREC Larry Roper/Liberal Arts
Thayne Dutson/AgSciences Adell Amos/U of O Law Gil Sylvia/COMES Robert Malouf/Sea
Grant George Boehlert/HMSC
--
******************************************************************************
* Bob Duncan
* Associate Dean
* Director of Student Programs
* College of Oceanic and Atmospheric Sciences
* 104 COAS Admin Building
* Corvallis OR 97331-5503
* rduncan@coas.oregonstate.edu
* 541-737-5189 (office) 541-737-2064 (fax)
******************************************************************************

--
******************************************************************************
* Bob Duncan
* Associate Dean
* Director of Student Programs
* College of Oceanic and Atmospheric Sciences
* 104 COAS Admin Building
* Corvallis OR 97331-5503
* rduncan@coas.oregonstate.edu
* 541-737-5189 (office) 541-737-2064 (fax)
******************************************************************************
Lori:

First response, from Janet Webster.

Bob

------- Original Message -------
Subject: RE: MRM certificate
Date: Tue, 10 Jul 2007 09:19:06 -0700
From: Webster, Janet <janet.webster@oregonstate.edu>
To: Duncan, Robert Ames <rduncan@coas.oregonstate.edu>
References: <4693AFE7.8000007@coas.oregonstate.edu>

Hi Bob,
I submitted the Libraries' response through our acting Head of Collections. I've attached it for your information. It's supportive, but I point out what we would be doing annually to strengthen the MRM program.

On another note, we have a new librarian supporting atmospheric sciences and backing me up with other COAS units. Her name is Andrea Wirth and I would like to bring her by to meet you and Robert. Are you around this month?

Hope the summer is going well.
-Janet

-----Original Message-----
From: Bob Duncan [mailto:rduncan@coas.oregonstate.edu]
Sent: Tuesday, July 10, 2007 9:12 PM
To: Webster, Janet; Edge, W. Daniel; McMurray, David; Lunch, William; Iltis, Robert; Perry, Greg - AREC; Roper, Larry D; Dutson, Thayne; aamos@uoregon.edu; Sylvia, Gil; Malouf, Robert E; Boehlert, George
Cc: Lori Hartline; Duncan, Robert Ames; Allan, Robert S
Subject: MRM certificate

DATE: July 10th, 2007
TO: (Head/Chair/Director of relevant campus units which could be affected by the proposal and/or whose common subject matter pertains to the subject matter of the proposal).
FROM: Proposing Department/Chair/Director
SUBJECT: Curriculum Liaison for proposed MRM Certificate.

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Please note that a lack of response will be interpreted as support.
Thank you for your time and input.

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Page 1
To gather information and opinions concerning the propriety and quality of the changes being proposed. Feedback should be solicited from all campus units whose programs or students could be affected by the proposal and/or whose common subject matter pertains to the subject matter of the proposal. In addition to attaching all correspondence, it is the originator's responsibility to address concerns of relevant units.

To assure that students (including those outside the department) are not adversely affected by curricular changes.

To reduce duplication of curriculum and enhance complementarity of curriculum within the university.

Office of Academic Programs, Oregon State University, Corvallis, OR 97331.
541-737-8084
Contact us with your comments, questions and feedback

Liaison Request: COAS to Deans/Departments Heads (email address list follows
name/affiliation list) Janet Webster/HMSC Dan Edge/FW Greg McMurray/Anthropology
Lunch/Political Science Robert Itlis/Speech Greg Perry/AREC Larry Roper/Liberal Arts
Thayne Dutson/AqSciences Adell Amos/U of O Law Gil Sylvia/COMES Robert Malouf/Sea
Grant George Boehlert/HMSC

--

* Bob Duncan
* Associate Dean
* Director of Student Programs
* College of Oceanic and Atmospheric Sciences
* 104 COAS Admin Building
* Corvallis OR 97331-5503
* rduncan@coas.oregonstate.edu
* 541-737-5189 (office) 541-737-2064 (fax)

--

* Bob Duncan
* Associate Dean
* Director of Student Programs
* College of Oceanic and Atmospheric Sciences
* 104 COAS Admin Building
* Corvallis OR 97331-5503
* rduncan@coas.oregonstate.edu
* 541-737-5189 (office) 541-737-2064 (fax)
I support the proposed graduate certificate in Marine Resource Management. I understand that the various stakeholders have been consulted and have approved the plan. I think this will make MRM attractive to a broader array of students, especially those seeking professional development opportunities.

Dr. Mark R. Abbott  
Dean, College of Oceanic and Atmospheric Sciences  
104 COAS Admin. Bldg.  
Oregon State University  
541.737.5195  
541.737.2064 (fax)
From: robynmatteson@gmail.com on behalf of Robyn Matte
Sent: Monday, March 12, 2007 2:09 PM
To: Robert Allan
Subject: Re: MRM Minor to a Certificate

I think this would make it more difficult than it is now for me to include the MRM program in my studies (which I still had hoped to, perhaps at the phd level since scheduling has gotten too difficult within a 2 year goal for the COAS biological oceanography master's program). With the MRM minor I can include some of my statistics or GIS work toward the requirement; this change seems to be less flexible, requiring 2 courses from the human interest list in addition to the Law and Principles of Practice classes; twice the social science coursework, which is more difficult to justify to my advisor within the context of a research training program.

- my 2 cents as a bio oce student.

On 3/12/07, Robert Allan <rallan@coas.oregonstate.edu> wrote:
All:

The MRM program currently offers a 15 credit minor. Attached is a proposal for an 18 credits MRM certificate. A certificate is officially recognized on academic transcripts and would allow more non-MRM students to integrate into the program.

Please review the attachment and provide any feedback and comments by Friday, March 30th. Feedback can be as simple as: "Great", "I support this", or "Who came up with this idea!" No response will imply the document is satisfactory in your mind.

Following, the document will be reviewed by Instructional Programs Committee. Afterwards, the proposal will be sent up the OUS administrative review board.

Thanks.

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program
College of Oceanic and Atmospheric Sciences
104 COAS Admin. Corvallis, OR 97331
541 737 1340 (COAS Admin)
541 737 0942 (Weniger, Room 533)
rallan@coas.oregonstate.edu
www.coas.oregonstate.edu
From: Jessica S. Hamilton [jess_hamilton@yahoo.com]
Sent: Wednesday, March 14, 2007 8:52 AM
To: Robert Allan
Subject: Re: MRM Program Changes
looks good!

Robert Allan <rallan@coas.oregonstate.edu> wrote:

To all:

The proposal changes to the MRM program design have been approved by the University. I suspect many students would like to incorporate these changes into their current program of study. I will be available in my Weniger office on Wednesday from 12:00 - 1:00 and Thursday from 12:00 - 1:00 to discuss. Otherwise, please set up a separate appointment with questions and concerns. Attached is a current description of the MRM program. Website is currently be updated.

Approved changes:

Two courses – MRM 530 Principles and Practice of Marine Resource Management (3) and MRM 525 Coastal Law (3) would be mandatory

A minimum of five courses from:
OC 550 Chemical Oceanography (3)
OC 560 Geological Oceanography (3)
OC 530 Physical Oceanography (4)
OC 540 Biological Oceanography (3)
MRM 535X Introduction to the Rights-based Management Marine Fisheries (3)
ATS 520 Principles of Atmospheric Science (4)
OC 533 Coastal & Estuarine Oceanography (3)
OC 542 Estuarine Ecology & Biogeochemistry (4)
OC 654 Marine Pollution (3)
Any other OC/ATS/MRM course as relevant to MRM study and specified as such in the MRM program guide.

Three of the five must come from:
OC 550 Chemical Oceanography (3)
OC 560 Geological Oceanography (3)
OC 530 Physical Oceanography (4)
OC 540 Biological Oceanography (3)
ATS 520 Principles of Atmospheric Science (4)

Agree that the curriculum be amended so that the MRM masters degree has two study tracks differentiated by the credit hours required for completion:

a.  A professional track requiring 57 credit hours of course work and 9 project credit hours for a total of 66 credit hours.

b. A thesis track requiring 40 credit hours of course work and 12 thesis credit hours for a total of 52 credit hours.

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program
College of Oceanic and Atmospheric Sciences
mrmalumni mailing list
mrmalumni@lists.oregonstate.edu
http://lists.oregonstate.edu/mailman/listinfo/mrmalumni

To unsubscribe, send a message to:
mrmalumni-leave@lists.oregonstate.edu.

Jessica S. Hamilton
M.S. Marine Resource Management
Oregon State University

Sucker-punch spam with award-winning protection.
Try the free Yahoo! Mail Beta.
Hi Robert,

Looks good.

Bryan

------------------------------------------
Bryan Tilt
Assistant Professor
Oregon State University
Department of Anthropology
238 Waldo Hall
Corvallis, OR 97331
USA

Tel. 541-737-3896
Fax. 541-737-3650

-----Original Message-----
From: mrmfaculty-bounces@lists.oregonstate.edu on behalf of Robert Allan
Sent: Mon 3/12/2007 2:48 PM
To: mrmfaculty@lists.oregonstate.edu
Cc: mrmstu-mg@coas.oregonstate.edu
Subject: [Mrmfaculty] MRM Minor to a Certificate

All:

The MRM program currently offers a 15 credit minor. Attached is a proposal for an 18 credits MRM certificate. A certificate is officially recognized on academic transcripts and would allow more non-MRM students to integrate into the program.

Please review the attachment and provide any feedback and comments by Friday, March 30th. Feedback can be as simple as: "Great", "I support this", or "Who came up with this idea!" No response will imply the document is satisfactory in your mind.

Following, the document will be reviewed by Instructional Programs Committee. Afterwards, the proposal will be sent up the OUS administrative review board.

Thanks,

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program
College of Oceanic and Atmospheric Sciences
104 COAS Admin. Corvallis, OR 97331
541 737 1340 (COAS Admin)
541 737 0942 (Weniger, Room 533)
rallan@coas.oregonstate.edu
www.coas.oregonstate.edu
Thanks for sending out this information. It's interesting to see how the MRM program is evolving. It's funny though, that all of the mandatory classes with the exception of about 2, are all hard-science courses. I now work in conservation- working to set up networks of MPAs throughout Melanesia and Micronesia with The Nature Conservancy, and think that the classes which most benefitted me at OSU were the MRM course (taught by Jim Good at the time), the many communications courses that I took (especially Conflict Resolution), the business courses (I minored in Business and Marketing) and some of the electives including the ecotourism course, environmental interpretation and the course on MPAs that was offered (joint MRM/zooology). I do have to admit that I enjoyed the challenge of the oceanography courses, but I am now pretty confident that if my life depended on it I would not be able to remember any of the information that at the time I worked so hard to learn...I attribute this to the fact that at once have I been required to use this information, aside from of course know the basics which I knew before I took the courses. I think from a science perspective it would be beneficial to have more courses that were joint MRM/Zoology, as conservation and management decisions are typically based on the biology/ecology of a system rather than the oceanography...which while it plays a part, is not the driving force behind these decisions.

I also think that the MRM program ought to really begin to think globally rather than just locally. It has been a while since I graduated from the program, but during my time at OSU I felt a real struggle to learn things outside of the Oregon/Pacific Northwest situation. I am probably in the minority with these feelings, but many of us leave the Pacific Northwest and while we can apply our knowledge from the region more broadly, I think that it would have been a good exercise to encourage students to practice this type of 'thinking outside the box' while still in school.

All this said, I really loved my time at OSU and think that the MRM program had a big impact on the path that I am on today. I do care about the MRM program and as such felt compelled to write.

Again, thank you for the updates as it is always great to see the evolution of a program that I was once a part of.

Keep up the good work

Cheers

Jeanine (Stier) Almany
To all:

The proposal changes to the MRM program design have been approved by the University. I suspect many students would like to incorporate these changes into their current program of study. I will be available in my Weniger office on Wednesday from 12:00 - 1:00 and Thursday from 12:00 - 1:00 to discuss. Otherwise, please set up a separate appointment with questions and concerns. Attached is a current description of the MRM program. Website is currently be updated.

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ATS 520 Principles of Atmospheric Science (4)

Agree that the curriculum be amended so that the MRM masters degree has two study tracks differentiated by the credit hours required for completion:

a. A professional track requiring 57 credit hours of course work and 9 project credit hours for a total of 66
credit hours.

b. A thesis track requiring 40 credit hours of course work and 12 thesis credit hours for a total of 52 credit hours.

Robert Allan  
Assistant Director for Student Programs  
Assistant Director for Marine Resource Management Program  
College of Oceanic and Atmospheric Sciences  
104 COAS Admin. Corvallis, OR 97331

541 737 1340 (COAS Admin)  
541 737 0942 (Weniger, Room 533)  
rallan@coas.oregonstate.edu  
www.coas.oregonstate.edu  

mrmalumni mailing list  
mrmalumni@lists.oregonstate.edu  
http://lists.oregonstate.edu/mailman/listinfo/mrmalumni  

To unsubscribe, send a message to:  
mrmalumni-leave@lists.oregonstate.edu.

Be a PS3 game guru.  
Get your game face on with the latest PS3 news and previews at Yahoo! Games.
Robert, with quick glance this looks good.

Flaxen

Flaxen D.L. Conway
Extension Community Outreach Specialist
Oregon State University
Dept. of Sociology / Oregon Sea Grant Extension
307 Fairbanks Hall
Corvallis, OR 97331-3703
541-737-1418
541-737-5372 (Fax)
flaxen.conway@oregonstate.edu

"I always wanted to be somebody, but I should have been more specific."
Lily Tomlin

-----Original Message-----
From: mrmfaculty-bounces@lists.oregonstate.edu
[mailto:mrmfaculty-bounces@lists.oregonstate.edu] On Behalf Of Robert Allan
Sent: Monday, March 12, 2007 2:49 PM
To: mrmfaculty@lists.oregonstate.edu
Cc: mrmstu-mq@coas.oregonstate.edu
Subject: [Mrmfaculty] MRM Minor to a Certificate

All:

The MRM program currently offers a 15 credit minor. Attached is a proposal for an
18 credits MRM certificate. A certificate is officially recognized on academic
transcripts and would allow more non-MRM students to integrate into the program.

Please review the attachment and provide any feedback and comments by Friday, March
30th. Feedback can be as simple as: "Great", "I support this", or "Who came up
with this idea!" No response will imply the document is satisfactory in your mind.

Following, the document will be reviewed by Instructional Programs Committee.
Afterwards, the proposal will be sent up the OUS administrative review board.

Thanks.

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program College of Oceanic and
Atmospheric Sciences
104 COAS Admin. Corvallis, OR 97331
541 737 1340 (COAS Admin)
541 737 0942 (Weniger, Room 533)
rallan@coas.oregonstate.edu
www.coas.oregonstate.edu
Hi Robert.

In the title it says "Management Resource Management", I assume that should be Marine.

2d implies that there will be a test? Should this be softened to say that they would be able to: or that they will be trained to:

3) Is there a body that could accredit the certificate? If so, why not seek it?

If also seems that there are other courses out there that would fit the list of approved courses without the need for special approval. I am thinking of Fisheries biology, or Commercial fisheries of Oregon for example. Is there a rationale of how these courses were picked?

Looks good to me.

Thanks.

Steve
Splinter MRM Minor to a Certificate.txt

From: Kristen Splinter [ksplinte@coas.oregonstate.edu]
Sent: Monday, March 12, 2007 2:09 PM
To: Robert Allan
Subject: Re: MRM Minor to a Certificate

Robert,

I think it looks fine. I assume there is no difference between certificate requirements based on current degree status (MSc, PhD)?
You might want to check 2d), it says marine fisheries management.
Cheers,
Kristen

On 3/12/07 2:48 PM, "Robert Allan" <rallan@coas.oregonstate.edu> wrote:

> All:
> The MRM program currently offers a 15 credit minor. Attached is a
> proposal for an 18 credits MRM certificate. A certificate is
> officially recognized on academic transcripts and would allow more
> non-MRM students to integrate into the program.
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> support this", or "Who came up with this idea!" No response will imply
> the document is satisfactory in your mind.
> Following, the document will be reviewed by Instructional Programs
> Committee. Afterwards, the proposal will be sent up the OUS
> administrative review board.
> Thanks.
> Robert Allan
> Assistant Director for Student Programs Assistant Director for Marine
> Resource Management Program College of Oceanic and Atmospheric
> Sciences
> 104 COAS Admin. Corvallis, OR 97331
> 541 737 1340 (COAS Admin)
> 541 737 0942 (weniger, Room 533)
> rallan@coas.oregonstate.edu
> www.coas.oregonstate.edu
Looks good—I concur.

Gil Sylvia, Superintendent
Coastal Oregon Marine Experiment Station Professor, Marine Resource Economics
Hatfield Marine Science Center 2030 Marine Science Drive Newport, Oregon 97365
Tel: 541.867.0284
Fax: 541-867.0345
Cell: 541.740.0208
Email: gil.sylvia@oregonstate.edu
Web: http://marineresearch.oregonstate.edu
Polycom IP: 128.193.170.128 LAN

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Thanks.

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program College of Oceanic and Atmospheric Sciences
104 COAS Admin. Corvallis, OR 97331
541 737 1340 (COAS Admin)
541 737 0942 (Weniger, Room 533)
rallan@coas.oregonstate.edu
www.coas.oregonstate.edu
Hi Robert-

Just a few comments:

1) Our department is Fisheries and Wildlife, not Fish and Wildlife
2) The preamble indicates this is directed towards graduate students already enrolled. What about professionals who are seeking continuing education credits short of enrolling in a MS program?
3) If a student takes one of the two Law classes (Coastal or Ocean), is there a reason they couldn't take the other as part of their human dimensions requirements?
4) Is there any reason why there is only one fisheries course recommended? It seems like there are always a few MRM students who are interested in fisheries issues, is there any reason to suspect that certificate participants wouldn't be? What about Marine Conservation Biology or Ecology and Management of Marine Fish?
5) Other than these questions, this seems ok with me.

Scott

-----Original Message-----
From: mrmfaculty-bounces@lists.oregonstate.edu [mailto:mrmfaculty-bounces@lists.oregonstate.edu] On Behalf Of Robert Allan
Sent: Monday, March 12, 2007 2:49 PM
To: mrmfaculty@lists.oregonstate.edu
Cc: mrmstu-mg@coas.oregonstate.edu
Subject: [Mrmfaculty] MRM Minor to a Certificate

All:

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Following, the document will be reviewed by Instructional Programs Committee. Afterwards, the proposal will be sent up the OUS administrative review board.

Thanks.

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program College of Oceanic and Atmospheric Sciences
104 COAS Admin. Corvallis, OR 97331
541 737 1340 (COAS Admin)
541 737 0942 (Weniger, Room 533)
rallan@coas.oregonstate.edu
www.coas.oregonstate.edu
Dawn MrmFaculty MRM Minor to a Certificate.txt

From: Deepsea Dawn [dawn@dusk.geo.orst.edu]
Sent: Monday, March 12, 2007 3:58 PM
To: Robert Allan
Subject: Re: [MrmFaculty] MRM Minor to a Certificate

On Mar 12, 2007, at 2:48 PM, Robert Allan wrote:

> All:
> > The MRM program currently offers a 15 credit minor. Attached is a
> > proposal for an 18 credits MRM certificate. A certificate is
> > officially recognized on academic transcripts and would allow more
> > non-MRM students to integrate into the program.
>
Looks great - I fully support this Robert!

Thanks,

Dawn

----------
Dawn Wright | Professor | Department of Geosciences Oregon State University |
Corvallis, OR 97331-5506 http://dusk.geo.orst.edu | 541-737-1229 phone |
541-737-1200 fax
Feldberg MRM Certificate Proposal.txt

From: Feldberg, Melissa [Melissa.Feldberg@oregonstate.edu]
Sent: Monday, February 12, 2007 9:39 AM
To: Allan, Robert S
Subject: RE: MRM Certificate Proposal

I figured you had thought of that, I was just curious how it worked. I think this will be a very good addition, nice work.
Melissa

-----Original Message-----
From: Robert Allan [mailto:rallan@coas.oregonstate.edu]
Sent: Monday, February 12, 2007 9:36 AM
To: Feldberg, Melissa
Subject: RE: MRM Certificate Proposal

Oceanography students are not required to have a minor. Currently we have four oceanography with MRM minor, with the certificate, they would need to take an additional course, under most circumstances, a higher level oceanography course would suffice. The additional 3 credits should not make life to difficult for them.
In return, they actually get something documented on their transcript (MRM certificate).

I thought you played very well. Work hard for being sick!

Robert Allan
541-737-1340

-----Original Message-----
From: Feldberg, Melissa [mailto:Melissa.Feldberg@oregonstate.edu]
Sent: Monday, February 12, 2007 9:31 AM
To: Allan, Robert S
Subject: RE: MRM Certificate Proposal

Hi Robert,

I think this looks really good. My only question is that if this replaces the minor, will it actually make it harder for some students to take? For example, does this mean that an Oceanography student couldn't use MRM as a minor but would have to have a different minor plus the MRM certificate?

I was out sick Thursday and Friday (and I'm using it as an excuse for my soccer playing Tuesday night;) so I haven't looked at the applications yet, I will try to get to it today or tomorrow.
Melissa

-----Original Message-----
From: Robert Allan [mailto:rallan@coas.oregonstate.edu]
Sent: Thursday, February 08, 2007 11:25 AM
To: Good, James W; Harte, Michael; Duncan, Robert Ames; Sylvia, Gil; wheatcroft, Robert A; Collier, Robert W; Tilt, Bryan; Paul_Heimowitz@fws.gov; Feldberg, Melissa; rgarono@earthdesign.com
Subject: MRM Certificate Proposal

All:

The MRM program currently offers a 15 credit minor. Attached is a proposal for an 18 credits MRM certificate. A certificate is officially recognized on academic transcripts and would allow more non-MRM students to integrate into the program.

Please review the attachment and provide any feedback and comments by Friday, February 23rd. No response will imply the document is satisfactory in your mind.
Follow, the document will be reviewed by all MRM faculty and students, then reviewed by Instructional Programs Committee. Afterwards, the proposal will be sent up the OUS administrative review board.

Thanks.

Robert Allan
Assistant Director of Student Programs
Assistant Director of the Marine Resource Management Program College of Oceanic and Atmospheric Sciences Oregon State University 541-737-1340 (Student Programs) 541-737-0942 (MRM, Weniger)
www.coas.oregonstate.edu
Prahl MRM Minor to a Certificate.txt

From: Fred Prahl [fprahl@coas.oregonstate.edu]
Sent: Monday, March 12, 2007 2:26 PM
To: Robert Allan
Subject: Re: MRM Minor to a Certificate

Sounds good to me. My only real contact with MRM to date has been through teaching courses, in particular Marine Pollution with Bob Collier. We will see how my first real experiment in the coupled COAS Research - MRM domain works out - i.e. Tiffany Gregg. So far, she is right on track for the course end of the new formula. It is yet to be seen how well she will satisfy the research component that is needed to get the MRM thesis-based degree.

I only skimmed the content of the document you appended. One notable error is my name. It is Fredrick, not Frederick! Other than that, you have my blessing.

Cheers!
Fred Prahl

Robert Allan wrote:
> All:
> The MRM program currently offers a 15 credit minor. Attached is a proposal for an 18 credits MRM certificate. A certificate is officially recognized on academic transcripts and would allow more non-MRM students to integrate into the program.
> Please review the attachment and provide any feedback and comments by Friday, March 30th. Feedback can be as simple as: "Great", "I support this", or "Who came up with this idea!" No response will imply the document is satisfactory in your mind.
> Following, the document will be reviewed by Instructional Programs Committee. Afterwards, the proposal will be sent up the OUS administrative review board.
> Thanks.
> Robert Allan
> Assistant Director for Student Programs Assistant Director for Marine Resource Management Program College of Oceanic and Atmospheric Sciences 104 COAS Admin. Corvallis, OR 97331 541 737 1340 (COAS Admin) 541 737 0942 (Weniger, Room 533) rallan@coas.oregonstate.edu www.coas.oregonstate.edu

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with the word "unsubscribe" in the body.
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Support--Ted DeWitt, OSU F & W & MRM Adjunct Faculty

From: Dewitt.Ted@epamail.epa.gov
Sent: Monday, March 12, 2007 3:42 PM
To: Robert Allan
Cc: mrmfaculty@lists.oregonstate.edu;
mrmfaculty-bounces@lists.oregonstate.edu; mrmstu-mg@coas.oregonstate.edu
Subject: Re: [Mrmfaculty] MRM Minor to a Certificate

Sounds like a good idea. A few questions and comments:
1) Will all MRM students, then, receive the certificate upon completing the same course work?
2) Certificate-specific minimum requirements for "passing" are not clearly spelled out. Do applicants need to merely pass all the courses, and what is considered a passing grade? Should there be an exam to demonstrate proficiency & comprehension?
3) Remove MRM 530 from the list of "Human Dimensions..." courses; it's redundant with the first requirement.

Ted Dewitt
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Robert Allan
<rallan@coas.oregonstate.edu>
Sent by: mrmfaculty-bounces@lists.oregonstate.edu
To: mrmfaculty@lists.oregonstate.edu
Cc: mrmstu-mg@coas.oregonstate.edu
Subject: [Mrmfaculty] MRM Minor to a Certificate

03/12/2007 02:48 PM

All:
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Thanks.

Robert Allan
Assistant Director for Student Programs
Assistant Director for Marine Resource Management Program College of Oceanic and Atmospheric Sciences
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[attachment "Graduate Certificate in Marine Resource Management (2).doc"
deleted by Ted DeWitt/NEW/USEPA/US]

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