COAS Certificate in Fisheries Management
CIP # 03.0301

Proposal Check List
CIP # 03.0301

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 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 Fisheries 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 FISHERIES MANAGEMENT
Effective Date: 2007

Department/Program: MARINE RESOURCES MANAGEMENT
College: COLLEGE OF OCEANIC AND ATMOSPHERIC SCIENCES

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. Abbott 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 Fisheries Management

Oregon State University
College of Oceanic and Atmospheric Sciences
Marine Resource Management Program
and the
College of Agricultural Sciences
Department of Fisheries and Wildlife

1. Program Overview

a) Proposed CIP Number: 03.0301

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.

Fishery agencies and the fisheries they manage face unprecedented challenges. Fisheries managers are responsible for achieving sustainable fisheries, including rebuilding over-fished stocks, implementing ecosystem-based approaches, designing global fisheries agreements, sustaining coastal fishing communities, reducing over-capacity, evaluating contributions from aquaculture and increasing the cost-effectiveness of research and management. These challenges require managers and stakeholders to work together as expert problem solvers, leaders, and innovators capable of addressing state, federal and international mandates for sustainable fisheries. As with most natural resources management, fisheries management is a multi-disciplinary exercise that requires participants to have both expertise and breadth. Most importantly, biological scientists, assessment scientists, social scientists, managers and policy-makers need to understand the language and fundamentals of one another’s disciplines.

Making decisions that address complex issues requires a wide range of biological, economic, legal, and social science knowledge and skills. Fisheries managers and fishery stakeholders must also be capable of analyzing ecological and socioeconomic impacts of management decisions at domestic and international levels. However, limited availability of graduate level training means agency staff and stakeholders are often ill-prepared to meet these challenges.

The proposed 18-credit Graduate Certificate in Fisheries Management engages university instructors and scientists, fisheries management professionals and decision-makers, and graduate students in a pedagogy that integrates diverse approaches and perspectives to find effective solutions for complex fisheries management problems at local, state, regional, national and international levels.
The Certificate will be offered with on-campus and extended campus study options, utilizing existing courses taught at Oregon State University.

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

The on-campus option will be operational immediately on approval. The extended campus option will be fully operational approximately 24 months from approval.

2. Course of Study

a) Proposed Curriculum

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

- MRM 506 project (3 credits) demonstrating application of knowledge and skills to a fisheries management issue, and
- A minimum of 2 courses and at least 6 credits from the human dimensions subject area list, and
- A minimum of 2 courses and at least 6 credits from the oceanography fisheries biology, ecology and population dynamics: marine fisheries concentration area, or
- A minimum of 2 courses and at least 6 credits from the fisheries biology, ecology and population dynamics: freshwater fisheries concentration area

On-campus curriculum based on Existing and Relevant Courses

Capstone project:

- MRM 506 Projects (3 credits)

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)
- COMM 546 Communication in International Conflict and Disputes (3 credits)
- FW 620 Ecological Policy (3 credits)
- FW 515 Fisheries and Wildlife Law and Policy (3 credits)
- MRM 530 Principles and Practice of Marine Resource Management (3 credits)
- MRM 535x Rights-based Fisheries Management (3 credits)
- MRM 525 Special Topics/ Ocean Law (3 credits)
- PS 575 Environmental Politics and Policy (4 credits)
• PS 576 Science and Politics (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)

*Oceanography, fisheries biology, ecology and population dynamics subject area: Marine fisheries concentration*

• FW 531 Dynamics of Marine Biological Resources (4 credits)
• FW 533 Marine Aquaculture and Aquarium Science (6 credits)
• FW 599 Special Topics/ Fisheries Stock Assessment (2 or 4 credits)
• FW 565 Marine Fisheries (4 credits)
• FW 573 Fish Ecology (4 credits)
• FW 520 Ecology and Management of Marine Fishes (3 credits)
• FW 554 Fishery Biology (5 credits)
• FW 564 Marine Conservation Biology (3 credits)
• FW 574/OC 574 Early Life History of Fishes (4 credits)
• FW 597 Aquaculture (3 credits)
• OC 540 Biological Oceanography (3 credits)

*Fisheries biology, ecology and population dynamics subject area: Freshwater fisheries concentration*

• FW 573 Fish Ecology (4 credits)
• FW 554 Fishery Biology (5 credits)
• FW 545 Ecological Restoration (4 credits)
• FW 556 Limnology (5 credits)
• FW 571 Environmental Physiology of Fishes (4 credits)
• FW 579 Wetlands and Riparian Ecology (3 credits)
• FW 580 Stream Ecology (3 credits)
• FE 530 Watershed Processes (3 credits)
• TOX 555 Ecotoxicology: Aquatic Ecosystems (3 credits)

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

Although individual faculty members will determine the frequency of course offerings and course content. The Director of the Certificate program will ensure the set of courses available at any one time is such that students can complete their program of study in a timely manner.
Extended campus curriculum

The Extended campus curriculum will in the first instance be offered only for the Marine Fisheries Management concentration area. Courses from the broader on-campus curriculum that are now offered as, or will be adapted for, extended campus delivery for the proposed Graduate Certificate program:

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

- MRM 506 project (3 credits) demonstrating application of knowledge and skills to a fisheries management issue, and
- A minimum of 2 courses and at least 6 credits from the human dimensions subject area list, and
- A minimum of 2 courses and at least 6 credits from the oceanography fisheries biology, ecology and population dynamics: marine fisheries concentration area

Capstone project:

MRM 506 Projects (3 credits)

Human Dimensions Subject Area:

- AREC 534 Environmental and Resource Economics (3 credits)
- AREC 552 Marine and Fishery Economics (3 credits)\(^1\)
- ANTH 581 Natural Resources and Community Values (3 Credits)
- FW 620 Ecological Policy (3 credits)
- MRM 535x Rights-based Fisheries Management of Marine Fisheries (3 credits)
- MRM 525 Special Topics/ Ocean Law (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)

Fisheries biology, ecology and population dynamics:

- FW 531 Dynamics of Marine Biological Resources (4 credits)
- FW 599 Special Topics/ Fisheries Stock Assessment (4 credits)
- FW 565 Marine Fisheries (4 credits)
- FW 520 Ecology and Management of Marine Fishes (3 credits)
- FW 554 Fisheries Biology (5 credits)
- FW 564 Marine Conservation Biology (3 credits)

\(^1\) Has not been offered in recent years and may require reactivation or new Category II approval. AREC 534 will serve as a substitute in the first instance.
A minimum of three courses will be completed from the human dimensions subject areas and the fisheries biology, ecology and population dynamics subject areas.

The capstone project (MRM 506) will require minimal development for e-campus.

b) Describe New Courses

No new courses will be created for the Graduate Certificate in Marine Fisheries 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 internships.

The proposed program has the following non-traditional learning modules:

- An extended campus delivery component targeting professionals and individuals in agencies, organizations and industries with responsibility for assuring sustainability of marine fisheries resources. Faculty will work with extended campus staff to determine the most effective techniques for delivering their courses.

- A teleconferencing system is used in several courses to link lectures at the OSU Corvallis campus, Hatfield Marine Science Center, and University of Oregon Campus in Eugene.

- A Marine Experience internship program, that has modules in commercial fishing, fisheries management, aquaculture industries, and seafood processing, will be optional for students enrolled in the Certificate Program.

- Development of “blended” course offerings that would combine e-campus delivery with on-site experiential learning at the Hatfield Marine Science Center (HMSC). The HMSC is home to 7 federal agency activities, most of which are involved in applied research supporting fisheries management, including conservation of protected species. More than 20 professionals in these agencies hold courtesy appointments at OSU. Many students or professionals who would benefit from the proposed certificate program are at a distance from the OSU campus and would thus focus on the e-campus component. Experiential learning, however, including face-to-face interactions with instructors and with fishery management professionals, may be incorporated into selected courses in intensive periods ranging from one or two weekends to one week. This approach will minimize travel requirements to a location where excellent opportunities for hands-on experience and learning can be gained.

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

Leaders in fisheries management must be capable of identifying, requesting, analyzing and synthesizing scientific, economic and social information into meaningful policy and management recommendations. Reflecting these needs, graduates of the certificate program will have completed research or internship and courses so that they:

- Understand relevant biophysical and human dimensions of marine fisheries management and can facilitate effective communication between scientists, decision makers, and stakeholders.

- Are able to use the natural and social sciences to evaluate and communicate the costs and benefits of management decisions across social, economic and political dimensions.

In particular graduates will demonstrate competency in many of the following areas: fishery biology, aquaculture, commercial and recreational fisheries management, fishery economics, seafood marketing and quality, cooperative research, community-based management, or marine protected area management. A strong quantitative scientific expertise centered on biological resources is supplemented with a demonstrable understanding of the state, federal and international policy, legal, and socio-economic dimensions of fisheries management.

Graduates through their MRM 506 project will demonstrate:

- Critical thinking, analyzing and evaluating contemporary fisheries management issues from a range of perspectives including those of industry, environmental organizations, government agencies and indigenous peoples.

- Creative thinking, using imagination and creativity to develop positions on and solutions to management challenges.

- Practical thinking, recommending solutions and decisions that are clear to different stakeholders, appropriate to the political, economic, social and biophysical context of the management challenge, and can be implemented with reasonable human and financial resources.

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. For example, on-campus students completing the certificate as part of a Masters program will have up to seven years to complete the Certificate.
Given the Graduate School’s continuous enrollment policy of at least 3 credits per term, on-campus or e-campus students only enrolled in the Certificate and not taking a leave of absence will complete the Certificate in a maximum of six terms.

3. Accreditation of the Program

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

The Program does conform to American Fisheries Society certification and renewal of certification requirements for a Fisheries Professional. This is described in detail at http://www.fisheries.org/html/Revised_Certification_Program_Description2003.shtml

4. Evidence of Need

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

In late 2001, over 60 government, industry, academic, and non-governmental organization leaders from Oceania, North America, and Europe discussed the state of fisheries management training at a workshop held in New Zealand. A review of fisheries management training programs in the US and internationally carried out for the workshop revealed very few certificate programs and no online or distance education programs in fisheries management. Participants agreed that training curricula for graduate students and professionals are presently insufficient to assure competency of current and future fisheries managers and stakeholders.

A recent survey commissioned by Oregon State’s Extended Campus department did not find any online or distance certificate programs in fisheries management suggesting the paucity of graduate/professional training opportunities is little changed since 2001. The Graduate Certificate Program fills this identified training gap by expanding training opportunities for graduate students and pre-service and in-service professionals.

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

Several recent reports and federal and state actions highlight the need for graduate level training in fisheries management.

A 2002 report from the National Academy of Public Administration Courts, Congress, and Constituencies: Managing Fisheries by Default, focuses on training and employment need for NOAA Fisheries, which faces a loss of one-third of its workforce to retirement in the near future. The report concludes that NOAA Fisheries needs to recruit and support training of specialists in stock assessment, social science and economics, as well as regulatory specialists.
In 2004 the National Research Council in its publication "Improving the use of the Best Available Scientific Information Available Standard in Fisheries Management" (http://books.nap.edu/catalog/11045.html) stated (page 32): "Some council members may not be conversant in fishery science. Providing more training in scientific principles to council members is one means of making the translation of scientific information more effective.

The December 2006 reauthorization of the Magnuson-Stevens Fishery Conservation and Management Act explicitly recognizes the shortage of post baccalaureate qualified professionals in fisheries management and related specializations. The Act requires a study of whether there is a shortage in the number of individuals with post-baccalaureate degrees in subjects related to fishery science, including fishery oceanography, fishery ecology, and fishery anthropology, who have the ability to conduct high quality scientific research in fishery stock assessment, fishery population dynamics, and related fields, for government, non-profit, and private sector entities;

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. We plan to have an MOU in place by the end of the 07-08 academic year.

c) Characteristics and Numbers of Students

Potential on campus students are those enrolled in graduate programs at Oregon State University and who also wish to obtain a formal qualification in fisheries management as part of their graduate education. Students will be drawn from the College of Oceanography and Atmospheric Sciences, Fisheries and Wildlife, Agricultural and Resource Economics, and 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 20 students is expected with approximately 8-10 new enrollments each year.

Potential off-campus graduate students are seeking graduate level courses in marine fisheries management but cannot find these courses at their home institution. These students may use the certificate as part of their graduate degree program. We expect a relatively low level of enrollment of this category of students in the extended campus component of the Certificate of perhaps one to two students at any time.

Targeted off-campus professionals include:

- US Federal (NOAA, National Park Service, US Fish and Wildlife), State agency marine resource managers (e.g., Dept. of Natural Resources, Dept. of
Fish and Wildlife), and non-governmental organization representatives who are hired into fisheries management positions due to certain strengths or administrative skills, but lacking background in fisheries.

- Agency managers and fisheries industry stakeholders serving on fisheries decision-making committees (such as the 8 US Regional Fisheries Management Councils) or as member of an industry cooperative who need stronger background in fisheries management to understand the large volume of information they receive and to become a more effective policy maker and decision-maker.

- Fisheries staff working for Native American tribes to improve the management of fisheries resources under their jurisdiction.

- Professional natural resource managers and stakeholders in other countries (developed and developing) who are "thrust" into fisheries management role as manager or decision-maker and need background in fisheries management in order to develop and implement effective policies and management strategies.

- Professionals who are experts in law, marketing or other areas of business, or policy and who are hired to work with fisheries industry, but have a limited background in fisheries.

- Legislators or government staff serving on or supporting congressional or state level committees focused on marine resources.

- Fisheries agency, industry, and non-governmental organization managers and administrators needing continuing education in fisheries (understanding of current trends in science and management) as a means to maintain certification and/or to achieve promotion within their organization.

Based on current fisheries management and fisheries and wildlife concentration enrollments in the Marine Resources Management program, approximately 10-20 on-campus students are expected to enroll in the certificate. Numbers for Ecampus are more speculative but a conservative estimate of an enrollment of 25 to 30 extended campus students in the program at any one time has been cited for planning purposes. This is based on current e-campus enrollment in the Graduate Certificate in Sustainable Natural Resources.

The continuous combined on-campus and extended campus enrollment is expected to be between 35 and 50 students.

**d) Other Compelling Reasons**

None
e) Identify any special interest in the program on the part of local or state groups

Oregon Sea Grant and the Oregon Department of Fish and Wildlife have staff involved in fisheries management and actively recruit staff with fisheries management training.

f) Accessibility of the Program

The extended campus component of the Certificate is designed specifically for these professionals and place-bound graduate students. It is expected to have about 20-30 students enrolled at any one time, with 10 to 15 new enrollments each year. Without the Certificate or its offering by distance education, it is unlikely that these students will attend OSU or undertake formal graduate level fisheries management, since existing graduate programs require a minimum of two years in residence to complete.

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 course is offered through the University of Oregon’s Law School and is cross-listed as MRM 525 Special Topics/Ocean 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 its faculty are drawn from many OSU colleges and departments. Key faculty include:
Lorenzo Ciannelli, Assistant Professor, College of Oceanic and Atmospheric Science, OSU: Primary research is on fisheries oceanography and marine ecosystem ecology. Focuses on the study of the the causes of temporal and spatial variations of marine populations. This work revolves around early life stages of fish, as variability at the population level is closely linked to egg, larval and juvenile survival in marine organisms.

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.

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.

Vladlena Gertseva, Assistant Professor Cooperative Institute for Marine Resources Studies, OSU: Interests lie in studying spatial and temporal dynamics of ecological systems of different levels, such as populations and communities.

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.

Chris Langdon, Professor, Fisheries and Wildlife, OSU: Specializes in aquaculture of marine fish and bivalve mollusks as well as development of polyculture systems. Current projects include broodstock management and selection of Pacific oysters, development of microparticulate diets for marine fish larvae and sustainable aquaculture in developing countries.

Jessica Miller, Assistant Professor, Fisheries and Wildlife, OSU: Focuses on the ecology and evolution of life history diversity in fishes and the development and maintenance of that diversity. Research specializes on larval dispersal and transport, population connectivity and structure, and the use of estuaries by larval and juvenile marine and anadromous fishes.

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.

David Sampson, Fisheries and Wildlife, OSU: Expertise in marine fisheries science; population dynamics and stock assessment. Research includes development of models of fishermen's behavior with regard to choices for fishing location and fishing technology, bioeconomic models of the fish stock-fishermen system, and methods for assessing the status of fish stocks.

Brent Steel, Professor, Political Science, OSU; 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.

Gil Sylvia, Professor, Agricultural and Resource Economics and Superintendent, Coastal Oregon Marine Experiment Station, OSU: Research interests are seafood marketing, fisheries policy, bioeconomic modeling, aquaculture business economics and aquacultural policy. Current research includes development of training programs for commercial fisheries managers and decision-makers and Project CROOS (Collaborative Research on Oregon Ocean Salmon).
Bryan Tilt, Assistant Professor, Anthropology, OSU: Research interests are environmental anthropology, anthropology of work, rural development, risk assessment and perception, and marine resource management.

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 on-campus component of the proposed Certificate.

Support staff are required for the development of the extended campus component. A Student Assistant will be required for two years for four hours per week. A Research Associate/Program Coordinator will be required for the first two years at a 0.15 FTE.

Admissions and advising will be administered through the College of Oceanography and Atmospheric Science’s Student Programs office. The sponsoring Departments (MRM and FW) will share program development, review and oversight.

Regular reviews of the Program and its impacts on class enrollments and teaching loads for faculty of participating Departments will be conducted, with faculty input.

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

The OSU Libraries maintain a strong fisheries science collection with particular depth in marine fish and fisheries of the Pacific Rim. However, fisheries management information entails more than biology, expanding into socioeconomics, political science, business management, law and cultural studies. The Libraries collect in all these disciplines at varying levels. Fortunately, the resources to support a fisheries management certificate are, for the most part, available in the OSU Libraries' collections. In addition to the strong fisheries science collection, we have solid resources in fisheries economics, history of Pacific fisheries, and U.S. and Canadian fisheries policy.

Areas of possible concern would be cultural studies and law. The OSU Libraries also provides a digital repository that may be a means to archive and deliver the program's anticipated collection of case studies. This would enhance our collections as well as support the certificate program.
Given the anticipated enrollment for the Graduate Certificate in the Management of Marine Fisheries, the OSU Libraries resources are good and would be excellent with the addition of appropriate legal and cultural material. Delivery systems are in place to address the needs of distance students; however, a thorough review of digital resources needs to be completed to ensure their access to excellent information resources.

**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. However, a more detailed review of the collections, particularly in the law and cultural fields will identify areas for improvement and it is intended that material will be added based on total enrollment and level of interest of enrolled students in particular areas of study.

**F) Unique Resources Required**

The development of an extended campus component of the proposed Graduate Certificate requires funding to develop and deliver courses. OSU’s Extended Campus has agreed to fund the development of necessary courses and their online delivery with a grant of approximately $73,000. This grant is contingent on the proposed Graduate Certificate receiving OUS approval.

OSU Extended Campus will provide support in the development and delivery of the proposed graduate certificate in marine fisheries management as part of its mission to bring OSU Educational programs to statewide, national, and international audiences. Extended Campus will assist in course development, training (initial and on-going), and marketing, at no charge to the program. All courses will be developed within Blackboard using best practices in online learning. The academic unit will retain oversight of the curriculum and instruction and will provide program leadership and advising. Extended campus revenue-share will return 80% of the tuition to the program to cover the cost of ongoing instruction, which is intended to allow the program to be self-sustaining. Students will be provided with support services appropriate to online learners such as online tutoring, phone and email support, searchable knowledge base, and communications to optimize their opportunities for successful completion of the program. Full information is available on the OSU Extended Campus website, [http://Ecampus.oregonstate.edu](http://Ecampus.oregonstate.edu).
## 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 Website: [www.ous.edu/acad/forms.html](http://www.ous.edu/acad/forms.html)

**Institution:** Oregon State University  
**Category I Proposal Name:** Graduate Certificate in Fisheries Management CIP # 03.0301  
**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)

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
<th>Column C</th>
<th>Column D</th>
<th>Column E</th>
<th>Column F</th>
<th>Column G</th>
</tr>
</thead>
<tbody>
<tr>
<td>From Current Budgetary Unit</td>
<td>Institutional Reallocation from Other Budgetary Unit</td>
<td>From Special State Appropriation Request</td>
<td>From Federal Funds &amp; Other Grants/Contracts</td>
<td>From Fees, Sales, &amp; Other Income</td>
<td>Endowment</td>
<td>LINE ITEM TOTAL</td>
</tr>
<tr>
<td>FTE</td>
<td>Dept</td>
<td>College</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty (Include FTE)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Support Staff (Include FTE)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Graduate Assistants (Include FTE)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Fellowships/Scholarships</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>*OPE: Faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>GTA/GRA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Nonrecurring</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Personnel Subtotal:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Other Resources</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library/Printed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Library/Electronic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Supplies and Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Travel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Other Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Other Resources Subtotal:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Physical Facilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Major Renovation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Other Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>Physical Facilities Subtotal:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$0</td>
</tr>
<tr>
<td>GRAND TOTALS:</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Percentage of Total</td>
<td>#DIV/0!</td>
<td>#DIV/0!</td>
<td>#DIV/0!</td>
<td>#DIV/0!</td>
<td>#DIV/0!</td>
<td>#DIV/0!</td>
</tr>
</tbody>
</table>

* See current OPE tables at [http://oregonstate.edu/dept/budgets/budgethand/tables.htm](http://oregonstate.edu/dept/budgets/budgethand/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 Fisheries Management Certificate Category I Proposal

The proposed Graduate Certificate requires no additional resources. It is a rearrangement of courses already offered on campus. However, it is intended that the Graduate Certificate will also be offered through Extended Campus. Additional resources will be forthcoming from OSU's Extended-campus program to achieve this once Category I approval has been obtained. Extended campus funding would also be used to improve existing library resources for the proposed certificate from the current adequate rating.

Regards,

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
mhart@coas.oregonstate.edu
Hi Michael,

I think your explanation below is quite good. I would include budget pages with zeros (indicating no new resources required). But I would also include a brief explanation that there will be funding from e-campus for development of online delivery of the certificate (you said it perfectly below). The e-Campus budget doesn't need to be included.

There is the possibility (but not necessarily the probability) that the e-campus budget may be requested in the review process.

Gina

Gina Shellhammer
Academic Programs and Assessment Coordinator 110D Kerr Admin - Oregon State University Corvallis, OR 97331-2109
phone: (541) 737-8246 fax: (541) 737-8082
gina.shellhammer@oregonstate.edu

-----Original Message-----
From: Michael Harte [mailto:mharte@coas.oregonstate.edu]
Sent: Thursday, August 02, 2007 12:01 PM
To: Shellhammer, Gina
Subject: Graduate Certificate in Fisheries Management Budget Issues

Hi Gina,

I'm uncertain about what to include in the budget component of the Cat I proposal for the fisheries management grad certificate. This is because the certificate itself requires no additional resources. It is a rearrangement of courses already offered on campus. However, the certificate will also be offered e-campus and additional resources have been promised by e-campus to do this once Cat I approval is secured. Since this e-campus component is only one avenue of delivery for the certificate and not central to the cat I application do we need to include a detailed budget for the e-campus component? Including this budget may complicate things by confusing the basic certificate proposal with a method of delivery.

What advice would you give?

Regards

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
OSU Libraries
Collection Development

Library Evaluation for Category I Proposal

Proposal for the Initiation of New Instructional Program Leading to the Graduate Certificate in Fisheries Management
Title of Proposal

Marine Resource Management Program (COAS) & Fisheries and Wildlife (CAS)
Department

Colleges of Oceanic and Atmospheric Sciences and Agriculture
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:

[ X ] adequate to support the proposal

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

Year 1: $2,500/purchases
Ongoing (annual): $175/student

Comments and Recommendations:
While the current collection is adequate, $2,500 in purchases of international material would be beneficial. Also, given the number of E-Campus students anticipated, increased support for library services to those students should be negotiated.

Date Received: June 15, 2007
Date Completed: June 27, 2007

Janet Webster
Subject Librarian

Laurel Kristick
Head of Collection Development

Karyle Butcher
University Librarian

Date 7/13/07
Signature

Date 7/13/07
Signature

Date 7/13/07
Signature

6/27/2007
Oregon State University Libraries Evaluation of the Collection supporting:
A Certificate in Fisheries Management

Overview:
The OSU Libraries maintain a strong fisheries science collection with particular depth in
fish and fisheries of the Pacific Rim. However, fisheries management information entails
more than biology, expanding into socioeconomics, political science, business
management, law and cultural studies. The Libraries collect in all these disciplines at
varying levels. Fortunately, the resources to support a fisheries management certificate
are, for the most part, available in the OSU Libraries' collections. In addition to the strong
fisheries science collection, we have solid resources in fisheries economics, history of
Pacific fisheries, and U.S. and Canadian fisheries policy. The OSU Libraries also
provides a digital repository that may be a means to archive and deliver the program's
anticipated collection of case studies. This would enhance our collections as well as
support the certificate program.

Collections:
The current relevant collections are housed at both the Valley and Guin Libraries. In the
2003 Collection Assessment that examined the monograph and periodical resources, the
fisheries and aquaculture components of the OSU Libraries' collections was deemed
adequate to support PhD level research. These levels are more than adequate for the
science components of the certificate program.

In reviewing the collection from the management and policy perspective, there are gaps
in monographic coverage, especially international publications. Students will have
access to the Summit Alliance, a collection of Pacific Northwest academic libraries. This
would alleviate some of the challenges of finding non-English and non eastern Pacific
material.

Subject-Specific Indexes and Abstracts:
The library subscribes to a number of databases that provide access to the literature in
this field. These include the following:

- Aquatic Science and Fisheries Abstracts (ASFA), 1972-present
- BIOSIS (Biological Abstracts), 1990-present
- Fish and Fisheries Worldwide, 1971-present
- Web of Science (Science Citation Index), 1995-present

These databases are accessible to all OSU students regardless of location. Combined with
GoogleScholar, identifying relevant information should not be problematic.

Access costs:
A significant part of this certificate program relies on distance delivery of the course and
the materials needed by students not located on an OSU campus. The certificate program
proponents intend to deliver much of the program via Blackboard. Consequently, it is
imperative that ready access to available library resources be integrated into those online
courses. The Libraries should be involved in the identification and incorporation of
information resources into Blackboard as there are persistent quality and copyright issues.
For material not available electronically or physically at the OSU Libraries, students will need to borrow from other institutions. Some of this can be handled inexpensively through Summit/Cascades Consortium mentioned earlier. 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 College of Agricultural Science borrows five 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 $175 for access to materials not readily available. For a cohort of 20 students, this translates to $3,500.

**Library staff and expertise:**
Janet Webster is the subject librarian for fisheries. 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 Fisheries and Wildlife Department and COAS as part of the Marine Resource Management 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.

Additional expertise is available through electronic reference and mediation for accessing materials not readily available.

**Summary:**
Given the anticipated enrollment for the Graduate Certificate in the Management of Fisheries, the OSU Libraries resources are adequate and would be excellent with the addition of international policy and management material. Delivery systems are in place to address the needs of distance students; however, ongoing access costs should be recognized and negotiated.

**Recommendations:**
Collections enhancements:
- Add core international fisheries management and policy documents.
  - One time cost: $2,500 (purchases)
- Review holding of Pacific Northwest state documents in the fisheries and fill gaps where appropriate.
  - Annual cost: $1,000 (librarian and staff time)
- Investigate and implement digitization of core, historical fisheries management material.
  - Annual cost: $5,000 (staff time)

Access costs:
- E-Campus students services
  - Per student annual cost: $175
- Integration of library resources into Blackboard
  - One time cost: $1,000 (librarian time)

6/27/2007
DATE: December 27, 2006

TO: Dr. Michael Harte, Professor and Director, Marine Resource Management, 104 COAS Admin Bldg, College of Oceanic and Atmospheric Sciences (mharte@coas.oregonstate.edu)

FROM: Dr. Bill McCaughan, Dean of OSU Extended Campus (bill.mccaughan@oregonstate.edu)

SUBJECT: Letter of Support for Category 1 proposal, Graduate Certificate in Management of Marine Fisheries

OSU Extended Campus fully supports the establishment of an OSU Graduate Certificate in Management of Marine Fisheries. We have other highly successful programs in natural resources, know how to market to this audience, and have established a reputation with state and national resource professionals for high quality, accessible courses and programs. Marine Fisheries is certainly an area of OSU expertise. Bringing this program to an extended audience nationally and internationally reinforces our goal of improving access to OSU programs.

To determine feasibility of this online program we requested a market analysis from Eduventures to determine if there were competitors for this graduate certificate program in fisheries management. No competing online or distance programs were identified. There appears to be a significant number of individuals who might be interested in this type of training, judging from the membership in related professional organizations and attendance at regional conferences. Professional certification requirements might also drive enrollment in this program. (The entire report is available upon request.)

Upon curricular approval Ecampus will provide assistance with program planning, marketing, course design and development, Blackboard training, and supporting services to students at no cost to the college or department and will return tuition revenue to the program according to the established Ecampus revenue-share model. We will support development of the online courses within this program by providing funding for the content provider for each course. With careful planning and with anticipated enrollment, this program will be self-sustaining under this model.
Liason_Graduate Certificate in Fisheries Management

From: Michael Harte [mharte@coas.oregonstate.edu]
Sent: Wednesday, February 07, 2007 1:39 PM
To: Lori Hartline
Subject: Fwd: Graduate Certificate in Fisheries Management

See below.

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

Begin forwarded message:

> From: "Walker, Gregg" <gwalker@oregonstate.edu>
> Date: February 7, 2007 1:20:00 PM PST
> To: "Harte, Michael" <mharte@coas.oregonstate.edu>
> Subject: RE: Graduate certificate in Fisheries Management

Hello Michael,

I support without reservation the creation of a graduate certificate program in Fisheries Management. If needed, I can provide my statement of support on department letterhead.

I think that one or more of the COMM courses you identify would be appropriate to include in the certificate program curriculum. I would add to the list COMM 544, Third Parties in Dispute Resolution:

Mediation
and Facilitation.

COMM 540, COMM 542, and COMM 546 are offered once each year. COMM 544 is offered every two years. This spring term 2007 I am teaching a one-time graduate seminar (COMM 599) called "Environmental Conflict Resolution and Community-Based Collaboration," Mondays from 1800-2150.

I will send you a short "bio" statement.

Regards,
Gregg

Gregg B. Walker, Ph.D.
Professor of Communication
Adjunct Professor in the Forest Resources, Marine Resources Management, and Anthropology programs Oregon State University
Corvallis, OR 97331-6199 USA
ph: 541.737.5397 -- fax: 541.737.4443
web: www.orst.edu/instruct/comm440-540

-----Original Message-----
> From: Michael Harte [mailto:mharte@coas.oregonstate.edu]
> Sent: Monday, December 18, 2006 1:46 PM
> To: Walker, Gregg
> Subject: Graduate Certificate in Fisheries Management

Page 1
Hi Greg,

Apologies for not contacting you sooner about this initiative. I am working with Gil Sylvia and Laurie Jodice (Clemson University) to establish a Graduate Certificate in Fisheries Management. It will have on-campus and e-campus components.

The communication courses your Dept offers, in particular COMM 540, COMM 542 and COMM 546, are relevant courses for the proposed on-campus component of the Certificate.

I attach an advanced draft of Cat 1 proposal for your information. Could you tell me which of 540, 542 and 546 are offered on a regular basis and if they are would you include them as courses for the certificate?

If you are OK with the courses being included in the proposal, could you send me a few sentences on your background and research interests for the Faculty section of the proposal?

Kind regards

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
LIASON--David McMurray, OSU
OSU Anthropology Dept.

LIASON_MCMURRAY Fisheries Management Cert.txt
From: Bob Duncan [rduncan@coas.oregonstate.edu]
Sent: Wednesday, February 07, 2007 11:31 AM
To: Lori Hartline
Subject: [Fwd: Re: Category I Proposal: Fisheries Management Certificate
Departmental Head Approval]

Lori:

Do you mind if I forward these responses to you as they come in? Perhaps you can add
them to the file on this Category I proposal...

Bob

-------- Original Message --------
Subject: Re: Category I Proposal: Fisheries Management Certificate Departmental Head Approval
Date: Wed, 07 Feb 2007 09:08:09 -0800
From: David McMurray <david.mcmurray@oregonstate.edu>
To: Bob Duncan <rduncan@coas.oregonstate.edu>

Dear Bob,

I am glad to note that you are including ANTH 581, Natural Resources and Community Values, in your proposed curriculum. I think you have crafted a very useful certificate program which the Anthropology Dept. heartily supports. Good luck,

David MCMurray
Chair, Anthropology, OSU

On 2/7/07 8:41 AM, "Bob Duncan" <rduncan@coas.oregonstate.edu> wrote:

> DATE: February 7th, 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: Bob Duncan, College of Oceanic & Atmospheric Sciences
> 
> SUBJECT: Curriculum Liaison for Marine Resource Management Fisheries
> Management Certificate.
> 
> The enclosed/attached Category I proposal and attachments describe a
> new Fisheries Management Certificate, proposed by the Marine Resource
> Management discipline group within COAS.
> 
> 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 attached materials and send your comments, concerns,
> or support to me by February 20th, 2007. Your timely response is
> appreciated. Please note that a lack of response will be interpreted
> as support. That said, a quick email or written note of approval will
> be appreciated as it will expedite the proposal packet through
> curriculum committee review.
> 
> Thank you for your time and input.
> 
> Bob

--
LIASON_MCMURRAY Fisheries Management Cert.txt

*****************************************
* 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)
*****************************************
LIASON_BOEHLERT HMSC FISH Mgmt Cert.txt

From: Michael Harte [mharte@coas.oregonstate.edu]
Sent: Tuesday, December 26, 2006 11:28 AM
To: Lori Hartline
Subject: Fwd: Graduate Certificate in Marine Fisheries Management

See below from HMSC.

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

Begin forwarded message:

> From: George Boehlert <george.boehlert@oregonstate.edu>
> Date: December 21, 2006 5:22:25 PM PST
> To: Michael Harte <mharte@coas.oregonstate.edu>
> Subject: Re: Graduate Certificate in Marine Fisheries Management
>
> Michael,
> Great proposal -- well written and it makes a compelling case.
>
> I'm attaching the file with the material added on the blend courses as
> well as a few other minor edits.
>
> Also, if you want additional stuff for your section 4 besides the
> FCMA, text from page 32 of the 2004 NRC volume "Improving the use of
> the Best Available Scientific Information Available" Standard in
> Fisheries Management" -- see:
> http://books.nap.edu/catalog/11045.html
> It states: "Some council members may not be conversant in fishery
> science. Indeed, nearly all of the current 118 council members across
> the eight regional councils have no background in stock assessment
> science. The councils have expert scientists at their disposal on
> advisory panels and on review committees (Appendix F).
> Providing more training in scientific principles to council members is
> one means of making the translation of scientific information more
> effective. In addition, council members would benefit if those
> scientists who present information to the councils made a concerted
> effort to develop communication skills that effectively inform
> audiences with diverse, and often nontechnical, backgrounds." This
> stresses the communication side of things for fisheries scientists as
> well.
>
> I also suggested that you explicitly include fishery biologists
> working for NA tribes as potential students in this certificate
> program.
>
> Good luck with it.
>
> Regards,
> George

--------

Page 1
On Dec 18, 2006, at 9:57 AM, Michael Harte wrote:

George,

I attach a near final draft of a Category I proposal to the OUS for creation of a Graduate Certificate in Fisheries Management. This is the first step in a long OUS process and please note the format follows the required OUS template!

In Sections 4a and 4b of the proposal we outline the need for the Certificate. Of particular relevance are provisions in the recent reauthorization of the Magnuson-Stevens Act.

In the proposal I discuss e-campus but I do not yet address the possibility of HMSC summer school courses that blend with e-campus and on-campus curricula. I think a paragraph under section 2c on the possibility of blended courses would strengthen the proposal and put a marker down re the desirability of HMSC involvement.

Section 2c asks us to 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.

Could you send me a paragraph outlining a role for HMSC?

Cheers

Michael Harte
Professor & Director, Marine Resource Management Program College of Ocean 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
mhart@coas.oregonstate.edu
<Appendix 1.pdf>
<Appendix 2.pdf>
<Appendix3.pdf>
<Proposal for the Initiation of New Instructional Program Leading to the Graduate Certificate in the Management of Marine Fisheries.doc>
<appendix 2a.pdf>
LIASON_EDGE Fisheries Management Certificate.txt

From: Michael Harte [mharte@coas.oregonstate.edu]
Sent: Wednesday, May 23, 2007 12:21 PM
To: Lori Hartline
Subject: Fwd: Fisheries Management Certificate

Attachments: Fisheries Management Cert draft May 6 07_ssh and wde edits.doc; ATT00044.txt

File this as their input and agreement. My final version follows in an email.

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

Begin forwarded message:

> From: "Edge, W. Daniel" <daniel.edge@oregonstate.edu>
> Date: May 23, 2007 12:04:44 PM PDT
> To: "Harte, Michael" <mharte@coas.oregonstate.edu>
> Subject: Fisheries Management Certificate
>
> Michael,
>
> We have finally done our work on this. Let me know if you have questions.
>
> Cheers,
>
> W. Daniel Edge
> Head
> Department of Fisheries and Wildlife
> Oregon State University
> Corvallis, OR 97331-3803
> voice: 541-737-2910; fax: 541-737-3590 daniel.edge@oregonstate.edu
>
Lori--It is indeed fine by me, Dick Hildreth

On Mon, 29 Jan 2007 16:22:11 -0800, "Lori Hartline" <lhartline@coas.oregonstate.edu> wrote:
> All: this is a reminder to look at the proposal sent out recently
> (January
> 9th) for the creation of the Fisheries Management Certificate. Even
> though the request says that no feedback is taken as approval, it'd be
> great to get a simple "fine by me" reply if possible to include in the
> proposal's supporting documents as it moves through the process of creation.
> Please let me know if you need the proposal materials sent again.
> Thanks!
> 
> Lori Hartline
> Student Programs
> 104 COAS Admin Bldg
> College of Oceanic and Atmospheric Sciences Oregon State University
> Corvallis, OR 97331-5503
> (541) 737-5188 (v) (541) 737-2064 (f)
> lhartline@coas.oregonstate.edu
> http://www.coas.oregonstate.edu/
> 
> -----Original Message-----
> From: Lori Hartline [mailto:lhartline@coas.oregonstate.edu]
> Sent: Tuesday, January 09, 2007 1:28 PM
> To: Conway, Flaxen D L; Cramer, Lori A; Heppell, Scott A; Heppell,
> Selina S; Lackey, Robert T; Lach, Denise Helen; Plantinga, Andrew
> John; Sampson, David Bruce; Steel, Brent S; Sylvia, Gilbert; Tilt, Bryan D;
> Richard Hildreth
> Cc: 'Michael Harte'
> Subject: Faculty Resources Liaison Request for Fisheries Management
> Certificate creation
> 
> DATE: 1/9/2007
> 
> TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty
> 
> FROM: Dr. Michael Harte, Director, Marine Resource Management Program
> 
> SUBJECT: Curriculum Liaison Request for Graduate Marine Fisheries
> Management Certificate
> 
> The attached Category I proposal, including main document and
> appendices, describes a new Graduate Certificate in Marine Fisheries
> Management that we wish to create. Many of you have seen prior
> versions of these documents tailored towards the E-Campus version of
> the Certificate, which is included in this Category I proposal as
> required by the university curriculums office.
> 
> In accordance with the liaison criteria in the Curricular Procedures
> Handbook, this memo serves as notification to of our intent to make
> this curricular change.
> 
> Please review the enclosed/attatched materials and send your comments,
> concern, or support to me by January 31st at the latest. Your timely
Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you in advance for your time and input.

The attachments and the list of faculty liaison roles follow.
Many of you have seen prior versions of these documents tailored towards the E-campus version of the certificate, which will be included in the larger proposal as it goes to the university curriculums office.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to our intent to make this curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you for your time and input-the attachments and the list of faculty liaison roles follow.

Flaxen Conway Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
Lori Cramer Faculty Resource: Sociology OSU
Scott Heppell Faculty Resource: Fisheries & Wildlife OSU
Selina Heppell Faculty Resource: Fisheries & Wildlife OSU
Richard Hildreth Faculty Resource: U of O Law School; Ocean & Coastal Law Ctr
Denise Lach Faculty Resource: USEPA; F & W OSU
Andrew Plantinga Faculty Resource: AREC OSU
David Sampson Faculty Resource: F & W OSU
Brent Steel Faculty Resource: Political Science OSU
Gil Sylvia Faculty Resource: AREC OSU and COMES
Bryan Tilt Faculty Resource: Anthropology OSU

Lori Hartline
COAS Student Programs
541.737.5188
hartline@coas.oregonstate.edu
From: Sylvia, Gil [gil.sylvia@oregonstate.edu]
Sent: Monday, January 29, 2007 9:53 PM
To: Lori Hartline
Subject: RE: Faculty Resources Liaison Request for Fisheries Management Certificate creation

"Fine by me"

gil

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

-----Original Message-----
From: Lori Hartline [mailto:lhartlin@coas.oregonstate.edu]
Sent: Monday, January 29, 2007 4:22 PM
To: 'Lori Hartline'; Conway, Flaxen D L; Cramer, Lori A; Heppell, Scott A; Heppell, Selina S; Lach, Denise Helen; Plantinga, Andrew - AREC; Sampson, David; Steel, Brent; Sylvia, Gil; Tilt, Bryan; 'Richard Hildreth'
Cc: Harte, Michael
Subject: RE: Faculty Resources Liaison Request for Fisheries Management Certificate creation

All: this is a reminder to look at the proposal sent out recently (January 9th) for the creation of the Fisheries Management Certificate. Even though the request says that no feedback is taken as approval, it'd be great to get a simple "fine by me" reply if possible to include in the proposal's supporting documents as it moves through the process of creation.

Please let me know if you need the proposal materials sent again.

Thanks!

Lori Hartline
Student Programs
104 COAS Admin Bldg
College of Oceanic and Atmospheric Sciences Oregon State University Corvallis, OR 97331-5503
(541) 737-5188 (v) (541) 737-2064 (f)
lhartlin@coas.oregonstate.edu
http://www.coas.oregonstate.edu/

-----Original Message-----
From: Lori Hartline [mailto:lhartlin@coas.oregonstate.edu]
Sent: Tuesday, January 09, 2007 1:28 PM
To: Conway, Flaxen D L; Cramer, Lori A; Heppell, Scott A; Heppell, Selina S; Lach, Denise Helen; Plantinga, Andrew John; Sampson, David Bruce; Steel, Brent S; Sylvia, Gilbert; Tilt, Bryan D; 'Richard Hildreth'
Cc: 'Michael Harte'
Subject: Faculty Resources Liaison Request for Fisheries Management Certificate creation

DATE: 1/9/2007
TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty

FROM: Dr. Michael Harte, Director, Marine Resource Management Program

SUBJECT: Curriculum Liaison Request for Graduate Marine Fisheries Management Certificate

The attached Category I proposal, including main document and appendices, describes a new Graduate Certificate in Marine Fisheries Management that we wish to create. Many of you have seen prior versions of these documents tailored towards the E-Campus version of the Certificate, which is included in this Category I proposal as required by the university curriculums office.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to of our intent to make this curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you in advance for your time and input.

The attachments and the list of faculty liaison roles follow.

Flaxen Conway Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
Lori Cramer Faculty Resource: Sociology OSU
Scott Heppell Faculty Resource: Fisheries & Wildlife OSU
Selina Heppell Faculty Resource: Fisheries & Wildlife OSU
Richard Hildreth Faculty Resource: U of O Law School; Ocean & Coastal Law Ctr
Robert Lackey Faculty Resource: USEPA; F & W OSU
Denise Lach Faculty Resource: Sociology OSU
Andrew Plantinga Faculty Resource: AREC OSU
David Sampson Faculty Resource: F & W OSU
Brent Steel Faculty Resource: Political Science OSU
Gil Sylvia Faculty Resource: AREC OSU and COMES
Bryan Tilt Faculty Resource: Anthropology OSU

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

On Jan 9, 2007, at 9:17 AM, Lori Hartline wrote:
> Michael: please submit corrections, verify that the attachments are
> the correct ones, and that the due-date for the responses is ok.
> Page 2
DATE: [hopefully today]

TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty

FROM: Dr. Michael Harte, Director, Marine Resource Management Program

SUBJECT: Curriculum Liaison Request for Fisheries Management Certificate

The attached Category II proposal main document and appendices describe a new certificate in Fisheries Management that we wish to create.

Many of you have seen prior versions of these documents tailored towards the E-Campus version of the certificate, which will be included in the larger proposal as it goes to the university curriculums office.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to of our intent to make this curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline

hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or

mharte@coas.oregonstate.edu

Thank you for your time and input—the attachments and the list of faculty liaison roles follow.

Flaxen Conway Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
Lori Cramer Faculty Resource: Sociology OSU
Scott Heppell Faculty Resource: Fisheries & Wildlife OSU
Selina Heppell Faculty Resource: Fisheries & Wildlife OSU
Richard Hildreth Faculty Resource: U of O Law School; Ocean & Coastal
Law Ctr
Robert Lackey Faculty Resource: USEPA; F & W OSU
Denise Lach Faculty Resource: Sociology OSU
Andrew Plantinga Faculty Resource: AREC OSU
David Sampson Faculty Resource: F & W OSU
Brent Steel Faculty Resource: Political Science OSU
Gil Sylvia Faculty Resource: AREC OSU and COMES
Bryan Tilt Faculty Resource: Anthropology OSU

Lori Hartline
COAS Student Programs
541.737.5188
IASON SYLVIA RE Faculty Resources Liaison Request for Fisheries Management Certificate creation.txt
> hartline@coas.oregonstate.edu
> <winmail.dat>
LIASON--Adell Amos, Univ of Oregon
U of O Law School

LIASON_AMOS Fwd Fisheries Mgmt Certificate Cat I proposal Department Head approval.txt
From: Michael Harte [mharte@coas.oregonstate.edu]
Sent: Wednesday, February 28, 2007 4:36 PM
To: Lori Hartline
Subject: Fwd: Fisheries Mgmt Certificate Cat I proposal: Department Head approval

From UO.

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

Begin forwarded message:

> From: Adell Amos <aamos@uoregon.edu>
> Date: February 28, 2007 4:33:19 PM PST
> To: Michael Harte <mharte@coas.oregonstate.edu>
> Cc: "Susan Gary" <sgary@law.uoregon.edu>
> Subject: Re: Fisheries Mgmt Certificate Cat I proposal: Department Head approval
> Michael - I met with the Law School Administration today and they are fine with the proposal with the understanding that there is no commitment to teach Ocean Law indefinitely. That said, my sense is that Ocean Law is part of our curriculum now and if and when Dick retires the school will be very interested in finding someone with similar expertise. Since Ocean Law is an elective, I don't think that impacts your proposal.
>
Best regards,

> Adell

> On Feb 18, 2007, at 7:47 PM, Michael Harte wrote:
> 
> Hi Adell,
>
> The certificate doesn't require ocean or coastal law, though ocean law is one of the electives. Dick is the only one who teaches those courses at UO. I'm hoping that when Dick retires UO hires another expert in Ocean and Coastal Law and/or Dick is still willing to teach Ocean law after retirement.
>
> Sometime we need to sit down and discuss how we can keep an ocean and coastal law faculty position at UO.
>
> Cheers

> 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
On Feb 18, 2007, at 6:52 PM, Adell Amos wrote:

>>> Michael - the proposal looks great to me and I am certainly
>>> supportive of the certificate option. That said, I don't have the
>>> authority as ENR Director to provide official comment from the
>>> University of Oregon School of Law. I've passed the proposal along
>>> to our Dean, Margie Paris and our Associate Dean, Susan Gary. I
>>> expect that you will hear something from them in the next week or
>>> so.
>>> One question - does the certificate require that students take Ocean
>>> and/or Coastal Law? Is Dick the only person who teaches those
>>> courses currently?
>>> Thanks. Hope this finds you well.
>>> Adell
>>> Adell Amos, Assistant Professor and
>>> Director, Environmental and Natural Resources Law Program Univeristy
>>> of Oregon School of Law
>>> 1515 Agate Street
>>> Eugene, OR 97403
>>> aamos@uoregon.edu
>>> On Feb 7, 2007, at 9:45 AM, Michael Harte wrote:
>>> Hi Adell,
>>> At our meeting recently I mentioned my intent to develop two
>>> Graduate Certificates. The first in Fisheries Management is well on
>>> its way.
>>> Since it includes a UO law course I need the Law School's
>>> acknowledgment/approval as part of OUS process. See the following
>>> "formal" notification. I think this is great opportunity for MRM
>>> and the Environmental and Natural Resources Law Program to develop
>>> our relationship further.
>>> Feel free to call me to discuss.
>>> Kind regards
>>> Michael Harte
>>> DATE: February 7th, 2007
>>> TO: Dr. Adell Amos, Director, Environmental and Natural Resources
>>> Law Program, University of Oregon Law School
>>> FROM: College of Oceanic & Atmospheric Sciences, Oregon State
>>> University
>>> SUBJECT: Curriculum Liaison for Marine Resource Management
>>> Fisheries Management Certificate.
The enclosed/attached Category I proposal and attachments describe a new Fisheries Management Certificate, proposed by the Marine Resource Management discipline group within COAS at Oregon State University.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to your program of our intent to make this curricular change. This is because the Coastal Law class taught by Prof. Richard Hildreth is part of the certificate proposal. Prof. Hildreth has already indicated his support.

Please review the enclosed/attached materials on behalf of the University of Oregon Law School and send your comments, concern, or support to me by February 20th, 2007. Your timely response is appreciated.

Please note that a lack of response will be interpreted as support. That said, a quick email or written note of approval would be well appreciate as it would help us complete the proposal packet as it goes to the curriculum committee for review.

Thank you for your time and input.

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

<Graduate_Certificate_in_the_Management_of_Marine_Fisheries.doc>
<Appendix_1.pdf>
<appendix_2.pdf>
<appendix_2a.pdf>
<Appendix3.pdf>
<ATT00036.txt>
LIASON_LUNCH Category I Proposal Fisheries PS DEAN Approval.txt
From: Bob Duncan [rduncan@coas.oregonstate.edu]
Sent: Thursday, February 08, 2007 11:27 AM
To: Lori Hartline
Subject: [Fwd: RE: Category I Proposal: Fisheries Management Certificate
Departmental Head Approval]

Lori:

Another approval...

Bob

-------- Original Message --------
Subject: RE: Category I Proposal: Fisheries Management Certificate Departmental Head Approval
Date: Thu, 8 Feb 2007 11:11:23 -0800
From: Lunch, William <blunch@oregonstate.edu>
To: Duncan, Robert Ames <rduncan@coas.oregonstate.edu>
References: <45CA0137.1030802@coas.oregonstate.edu>

Bob:

I've sent your proposal along to Brent Steel, who teaches both PS 577 and PS 575 -- I teach just PS 575 among our courses you have included in your "human dimensions" component. He may be in touch with you directly, but I wanted to suggest that you -- or the committee putting this proposal forward -- might want to consider adding PS 576 (Science and Politics) to the list of courses for the human dimensions list because it covers material that is similar -- though not identical -- to the two courses you've included, and we teach PS 576 almost every year. (I've had many MRM students take PS 576 over the years which isn't necessarily evidence of its value but does suggest at least some of them have found the material relevant.)

The proposal looks very worthwhile to me -- I think it will be valuable for the students, whatever you decide about PS 576.

The Best,

Bill

-----Original Message-----
From: Bob Duncan [mailto:rduncan@coas.oregonstate.edu]
Sent: Wednesday, February 07, 2007 8:41 AM
To: Edge, W. Daniel; "David. mcmurray"@oregonstate.edu; Lunch, William; Iltis, Robert; Perry, Greg - AREC; Dutson, Thayne; Abbott, Mark Richard; Sylvia, Gil; Malouf, Robert E; Schaffer, Kay
Cc: Lori Hartline; Duncan, Robert Ames
Subject: Category I Proposal: Fisheries Management Certificate Departmental Head Approval

DATE: February 7th, 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: Bob Duncan, College of Oceanic & Atmospheric Sciences


The enclosed/attached Category I proposal and attachments describe a new Fisheries Management Certificate, proposed by the Marine Resource Management discipline group
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 attached materials and send your comments, concerns, or support to me by February 20th, 2007. Your timely response is appreciated. Please note that a lack of response will be interpreted as support. That said, a quick email or written note of approval will be appreciated as it will expedite the proposal packet through curriculum committee review.

Thank you for your time and input.

Bob

*************************************************************************************************************************
* 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)
*************************************************************************************************************************
LIASON_HEADRICK Speech Comm FM Departmental Head Approval.txt
From: Bob Duncan [rduncan@coas.oregonstate.edu]
Sent: Thursday, February 08, 2007 8:13 AM
To: Lori Hartline
Subject: [Fwd: RE: Category I Proposal: Fisheries Management Certificate
Departmental Head Approval]

Lori:

Another approval.

bob

--------- Original Message ---------
Subject: RE: Category I Proposal: Fisheries Management Certificate
Departmental Head Approval
Date: Wed, 7 Feb 2007 17:20:42 -0800
From: Headrick, Charlotte <cheadrick@oregonstate.edu>
To: Duncan, Robert Ames <rduncan@coas.oregonstate.edu>
CC: Chandler, Lori <lchandler@oregonstate.edu>
References: <45CA0137.1030802@coas.oregonstate.edu>
<0AAA38D9E66B59D4B8EB25114CCA9EB7E03594A0D@NWS-EXCH1.nws.oregonstate.edu>

Bob, either Trischa Goodnow or I will sign this. Charlotte Headrick, Acting Chair, Speech Comm

---------------------------------------------------------------
From: Iltis, Robert
Sent: Wednesday, February 07, 2007 12:06 PM
To: Headrick, Charlotte
Subject: FW: Category I Proposal: Fisheries Management Certificate Departmental Head Approval

Another one.

Robert

------------------------------------------------------------------------
From: Bob Duncan [mailto:rduncan@coas.oregonstate.edu]
Sent: Wed 2/7/2007 8:41 AM
To: Edge, W. Daniel; "david. mcmurray"@oregonstate.edu; Lunch, William; Iltis, Robert; Perry, Greg - AREC; Dutson, Thayne; Abbott, Mark Richard; Sylvia, Gil; Malouf, Robert E; Schaffer, Kay
Cc: Lori Hartline; Duncan, Robert Ames
Subject: Category I Proposal: Fisheries Management Certificate Departmental Head Approval

DATE: February 7th, 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: Bob Duncan, College of Oceanic & Atmospheric Sciences


The enclosed/attached Category I proposal and attachments describe a new Fisheries Management Certificate, proposed by the Marine Resource Management discipline group within COAS.
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 attached materials and send your comments, concerns, or support to me by February 20th, 2007. Your timely response is appreciated. Please note that a lack of response will be interpreted as support. That said, a quick email or written note of approval will be appreciated as it will expedite the proposal packet through curriculum committee review.

Thank you for your time and input.

Bob

* 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)
From: Steel, Brent [bsteel@oregonstate.edu]
Sent: Monday, January 29, 2007 5:07 PM
To: Lori Hartline
Subject: Faculty Resources Liaison Request for Fisheries Management Certificate creation

Lori,

I strongly support this proposal.

Brent S. Steel
Professor and Director
Master of Public Policy Program
Oregon State University
311 Gilkey Hall
Corvallis, OR 97331
Homepage: http://oregonstate.edu/cla/polisci/faculty/bsteel/
MPP Homepage: http://oregonstate.edu/cla/mpp/

----Original Message----
From: Lori Hartline [mailto:lhartlin@coas.oregonstate.edu]
Sent: Tuesday, January 09, 2001 1:28 PM
To: Conway, Flaxen D L; Cramer, Lori A; Heppell, Scott A; Heppell, Selina S; Lackey, Robert T; Lach, Denise Helen; Plantinga, Andrew John; Sampson, David Bruce; Steel, Brent S; Sylvia, Gilbert; Tilt, Bryan D; 'Richard Hildreth'
Cc: 'Michael Harte'
Subject: Faculty Resources Liaison Request for Fisheries Management Certificate creation

DATE: 1/9/2007

TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty
FROM: Dr. Michael Harte, Director, Marine Resource Management Program
SUBJECT: Curriculum Liaison Request for Graduate Marine Fisheries Management Certificate

The attached Category I proposal, including main document and appendices, describes a new Graduate Certificate in Marine Fisheries Management that we wish to create. Many of you have seen prior versions of these documents tailored towards the E-Campus version of the Certificate, which is included in this Category I proposal as required by the university curriculums office.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to of our intent to make this curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you in advance for your time and input.
The attachments and the list of faculty liaison roles follow.

Flaxen Conway  Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
Lori Cramer   Faculty Resource: Sociology OSU
Scott Heppell   Faculty Resource: Fisheries & Wildlife OSU
Selina Heppell Faculty Resource: Fisheries & Wildlife OSU
Richard Hildreth  Faculty Resource: U of O Law School; Ocean & Coastal Law Ctr
Robert Lackey Faculty Resource: USEPA; F & W OSU
Denise Lach  Faculty Resource: Sociology OSU
Andrew Plantinga Faculty Resource: AREC OSU
David Sampson   Faculty Resource: F & W OSU
Brent Steel  Faculty Resource: Political Science OSU
Gil Sylvia  Faculty Resource: AREC OSU and COMES
Bryan Tilt  Faculty Resource: Anthropology OSU

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

On Jan 9, 2007, at 9:17 AM, Lori Hartline wrote:

> Michael: please submit corrections, verify that the attachments are
> the
> correct ones, and that the due-date for the responses is ok.
> My additions to the university template are in blue.
> Thx. Lori
> 
> DATE: [hopefully today]
> TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty
> FROM: Dr. Michael Harte, Director, Marine Resource Management Program
> SUBJECT: Curriculum Liaison Request for Fisheries Management
> Certificate
> 
> The attached Category II proposal main document and appendices
> describe a
> new certificate in Fisheries Management that we wish to create.
> Many of you
> have seen prior versions of these documents tailored towards the E-
> Campus
> version of the certificate, which will be included in the larger
> proposal as
> it goes to the university curriculums office.
> In accordance with the liaison criteria in the Curricular Procedures
> Handbook, this memo serves as notification to of our intent to make
> this
> curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you for your time and input—the attachments and the list of faculty liaison roles follow:

- Flaxen Conway Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
- Lori Cramer Faculty Resource: Sociology OSU
- Scott Heppell Faculty Resource: Fisheries & Wildlife OSU
- Selina Heppell Faculty Resource: Fisheries & Wildlife OSU
- Richard Hildreth Faculty Resource: U of O Law School; Ocean & Coastal Law Ctr
- Law Ctr
- Robert Lackey Faculty Resource: USEPA; F & W OSU
- Denise Lach Faculty Resource: Sociology OSU
- Andrew Plantinga Faculty Resource: AREC OSU
- David Sampson Faculty Resource: F & W OSU
- Brent Steel Faculty Resource: Political Science OSU
- Gil Sylvia Faculty Resource: AREC OSU and COMES
- Bryan Tilt Faculty Resource: Anthropology OSU

Lori Hartline
COAS Student Programs
541.737.5188
hartline@coas.oregonstate.edu
Lori,

I have reviewed the package and it looks fine. I expect to submit my Ecological Policy course (FW 620) to E-campus for approval within a few months. It has been taught for many years on campus so I don't expect any problems with proposed e-campus course. I will, however, be requesting a change from 2-credits to 3-credits for both the on-campus and on-line versions.

Bob

-----------------------------------------------
Robert T. Lackey
Department of Fisheries and Wildlife
Oregon State University
Corvallis, Oregon 97331

-----------------------------------------------
Voice: (541) 754-4607
Fax: (541) 754-4799
Email: Robert.Lackey@oregonstate.edu
Web: http://oregonstate.edu/~lackeyr/
To:  Michael Harte, Program Director, Marine Resources Management, COAS
From:  Dr. Mark Abbott, Dean, COAS
CC:  Dr. Robert Duncan, Lori Hartline
Date:  6/12/2007
Re:  Fisheries Certificate in the MRM program

I support the proposed Fisheries certificate as part of the Marine Resource Management. This proposal has been thoroughly reviewed by the COAS Instructional Programs Committee and approved. I understand that the various stakeholders have been consulted and have approved this certificate. It will provide a unique opportunity for graduate training in an important area of marine science and policy.

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)
12 June, 2007

Mark Abbott, Dean
College of Oceanic and Atmospheric Sciences

Hello Mark:

The Instructional Programs Committee (COAS) has had an opportunity to review the Category I proposal for the Graduate Certificate in Fisheries Management (jointly offered by the MRM program and the Department of Fisheries and Wildlife) from a College curriculum perspective, and approves it. The on-campus version of this new instructional program will require no new courses, but will group existing courses in MRM, AREC, COMM, FW, OC, FE and TOX into “Human Dimensions”, “Marine Fisheries” and “Freshwater Fisheries” concentration areas. An e-campus version of the program has been funded by Extended Campus to convert existing courses to distance education formats, contingent on the Category I proposal approval.

Robert A. Duncan, IPC Chair
Associate Dean and Director, Student Programs
541-737-5189; rduncan@coas.oregonstate.edu
Greetings -
This is a great idea, and our faculty are having some discussions now about it. One immediate concern is the (apparent) promise that our courses will be available on-line in a year. This is extremely unlikely.
What do others think about this? Have I mis-interpreted something?
Cheers -
Selina

-----Original Message-----
From: Lori Hartline [mailto:lhartlin@coas.oregonstate.edu]
Sent: Monday, January 29, 2007 4:22 PM
To: Lori Hartline; Conway, Flaxen; Cramer, Lori; Heppell, Scott; Heppell, Selina; Lach, Denise; Plantinga, Andrew - AREC; Sampson, David; Steel, Brent; Sylvia, Gil; Tilt, Bryan; 'Richard Hildreth'
Cc: Harte, Michael
Subject: RE: Faculty Resources Liaison Request for Fisheries Management Certificate creation

All: this is a reminder to look at the proposal sent out recently (January 9th) for the creation of the Fisheries Management Certificate. Even though the request says that no feedback is taken as approval, it'd be great to get a simple "fine by me" reply if possible to include in the proposal's supporting documents as it moves through the process of creation.

Please let me know if you need the proposal materials sent again.

Thanks!

Lori Hartline
Student Programs
104 COAS Admin Bldg
College of Oceanic and Atmospheric Sciences Oregon State University Corvallis, OR 97331-5503
(541) 737-5188 (v) (541) 737-2064 (f)
lhartlin@coas.oregonstate.edu
http://www.coas.oregonstate.edu/

-----Original Message-----
From: Lori Hartline [mailto:lhartlin@coas.oregonstate.edu]
Sent: Tuesday, January 09, 2007 1:28 PM
To: Conway, Flaxen D L; Cramer, Lori A; Heppell, Scott A; Heppell, Selina S; Lackey, Robert T; Lach, Denise Helen; Plantinga, Andrew John; Sampson, David Bruce; Steel, Brent S; Sylvia, Gilbert; Tilt, Bryan D; 'Richard Hildreth'
Cc: 'Michael Harte'
Subject: Faculty Resources Liaison Request for Fisheries Management Certificate creation

DATE: 1/9/2007

TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty

FROM: Dr. Michael Harte, Director, Marine Resource Management Program

SUBJECT: Curriculum Liaison Request for Graduate Marine Fisheries Management
The attached Category I proposal, including main document and appendices, describes a new Graduate Certificate in Marine Fisheries Management that we wish to create. Many of you have seen prior versions of these documents tailored towards the E-Campus version of the Certificate, which is included in this Category I proposal as required by the university curriculums office.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to us of our intent to make this curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you in advance for your time and input.

The attachments and the list of faculty liaison roles follow.

Flaxen Conway  Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
Lori Cramer  Faculty Resource: Sociology OSU
Scott Heppell  Faculty Resource: Fisheries & Wildlife OSU
Selina Heppell  Faculty Resource: Fisheries & Wildlife OSU
Richard Hildreth  Faculty Resource: U of O Law School; Ocean & Coastal
Law Ctr
Robert Lackey  Faculty Resource: USEPA; F & W OSU
Denise Lach  Faculty Resource: Sociology OSU
Andrew Plantinga  Faculty Resource: AREC OSU
David Sampson  Faculty Resource: F & W OSU
Brent Steel  Faculty Resource: Political Science OSU
Gil Sylvia  Faculty Resource: AREC OSU and COMES
Bryan Tilt  Faculty Resource: Anthropology OSU

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

On Jan 9, 2007, at 9:17 AM, Lori Hartline wrote:

> Michael: please submit corrections, verify that the attachments are the correct ones, and that the due-date for the responses is ok.
> My additions to the university template are in blue.
> Thx. Lori
> *****************************************************
> DATE: [hopefully today]
TO: Faculty Resource members/MRM Adjunct and Courtesy Faculty

FROM: Dr. Michael Harte, Director, Marine Resource Management Program

SUBJECT: Curriculum Liaison Request for Fisheries Management Certificate

The attached Category II proposal main document and appendices describe a new certificate in Fisheries Management that we wish to create. Many of you have seen prior versions of these documents tailored towards the E-Campus version of the certificate, which will be included in the larger proposal as it goes to the university curriculums office.

In accordance with the liaison criteria in the Curricular Procedures Handbook, this memo serves as notification to of our intent to make this curricular change.

Please review the enclosed/attached materials and send your comments, concern, or support to me by January 31st at the latest. Your timely response is appreciated. You may email responses Lori Hartline hartline@coas.oregonstate.edu

Please note that a lack of response will be interpreted as support.

For more information, you may also contact Michael Harte at 541.737.1339 or mharte@coas.oregonstate.edu

Thank you for your time and input-the attachments and the list of faculty liaison roles follow.

Flaxen Conway Faculty Resource: Sociology OSU & Oregon Sea Grant Ext
Lori Cramer Faculty Resource: Sociology OSU
Scott Heppell Faculty Resource: Fisheries & Wildlife OSU
Selina Heppell Faculty Resource: Fisheries & Wildlife OSU
Richard Hildreth Faculty Resource: U of O Law School; Ocean & Coastal
Law Ctr
Robert Lackey Faculty Resource: USEPA; F & W OSU
Denise Lach Faculty Resource: Sociology OSU
Andrew Plantinga Faculty Resource: AREC OSU
David Sampson Faculty Resource: F & W OSU
Brent Steel Faculty Resource: Political Science OSU
Gil Sylvia Faculty Resource: AREC OSU and COMES
Bryan Tilt Faculty Resource: Anthropology OSU

Lori Hartline
COAS Student Programs
541.737.5188
hartline@coas.oregonstate.edu
<winmail.dat>