



OFFICE OF THE PRESIDENT

December 22, 2009

Interim Dean Dennis Hartmann
College of the Environment
Box 355679

Dear Dennis:

Based on the recommendation of its Subcommittee on Admissions and Programs, the Faculty Council on Academic Standards has recommended approval of the revised program requirements for the minor and Bachelor of Arts degree in Environmental Studies. A copy of the changes is attached.

I am writing to inform you that the Program on the Environment is authorized to specify these requirements beginning winter quarter 2010.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark A. Emmert".

Mark A. Emmert
President

Enclosure

cc: Ms. Michelle Hall (with enclosure)
Mr. Robert Corbett (with enclosure)
Dr. Deborah H. Wiegand (with enclosure)
Mr. Todd Mildon, J.D. (with enclosure ENVIR-20091118)



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE
ACADEMIC PROGRAMS

DEC 08 2009

OFFICE USE ONLY

Control #

ENVR-2091118

After college/school/campus review, send a signed original and 8 copies to the Curriculum Office/FCAS, Box 355850.
For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>**College/Campus** College of the Environment /
Seattle**Department/Unit** Program on the
Environment**Date** 18 November
2009**New Programs**

- ☐ Leading to a Bachelor of _____ in _____ degree.
- ☐ Leading to a Bachelor of _____ degree with a major in _____.
- ☐ Leading to a _____ Option within the existing major in _____.
- ☐ Leading to a minor in _____.

Changes to Existing Programs

- ☐ New Admission Requirements for the Major in _____ within the Bachelor of _____.
- ☐ Revised Admission Requirements for the Major in _____ within the Bachelor of _____.
- ☒ Revised Program Requirements for the Major in Environmental Studies within the Bachelor of Arts.
- ☐ Revised Requirements for the Option in _____ within the major in _____.
- ☒ Revised Requirements for the Minor in Environmental Studies.

Other Changes

- ☐ Change name of program from _____ to _____.
- ☐ New or Revised Continuation Policy for _____.
- ☐ Eliminate program in _____.

Proposed Effective Date: **Quarter:** ☐ Autumn ☒ Winter ☐ Spring ☐ Summer **Year: 20 10**

Contact Person: Michelle Hall

Phone: 6-1208

Email: hallm@uw.edu

Box: 352802

EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

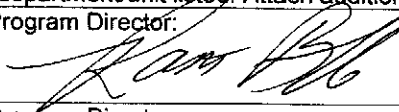
The Program on the Environment (PoE) has created a new ENVIR 250 "Environmental Studies: Data Types & Collection Methods" core course to parallel the ENVIR 200 "Environmental Studies: Communication & Information" required core course. The new ENVIR 250 course has been approved and will be offered for the first time Winter 2010. Beginning Winter 2010, PoE would like to make ENVIR 250 a required core course for ENVIR majors and an option for ENVIR minors (minors may take either ENVIR 200 or ENVIR 250).

PoE must also revise the Biology requirement for the ENVIR major due to the recent cancellation of the BIOL 161-162 series by the Department of Biology. ENVIR majors will now be required to complete BIOL 180 "Introductory Biology" and one course from among the following: BIOL 200, OR BIOL/FISH/OCEAN 250 "Marine Biology", OR BIOL 118 + BIOL 119 "Survey of Physiology" + "Elementary Physiology Laboratory".

PoE has also recently completed a Memorandum of Understanding with the School of Forest Resources and the Department of Economics to share costs and jointly manage enrollments in the ECON/ENVIR/ESRM 235 "Introduction to Environmental Economics" course and will now allow this course to count towards the Foundational Course requirement in the "Values and Cultures" category. Currently this course is on the list of approved courses for the "Environmental Perspectives and Experiences" requirement, so this change simply moves the course from an upper-level list of approved electives to a lower-level list of approved courses for "Values and Cultures."

OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.

Department/Unit: Biology	Chair/Program Director: 	Date: 11/20/09
Department/Unit:	Chair/Program Director:	Date:

CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

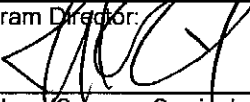
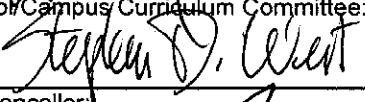
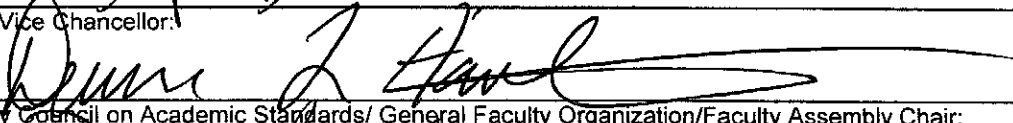

See attached.

PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications). Please note: all copy will be edited to reflect uniform style in the General Catalog.

See attached.

APPROVALS

Chair/Program Director: 	Date: 30 NOV 09
College/School/Campus Curriculum Committee: 	Date: 2 Dec 2009
Dean/Vice Chancellor: 	Date: 4 Dec 2009
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair: 	Date: 12/18/09
POST TRI-CAMPUS APPROVAL (when needed)	
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:	Date:

Catalog Copy:

Major Requirements

~~88-90~~ 93-95 credits, as follows:

Core Courses (~~45~~ 20 credits)

1. ENVIR 100, ENVIR 200, ENVIR 250, ENVIR 300

Foundational Courses (33-35 credits)

1. Biology (10 credits): ~~BIOL 161, BIOL 162~~ BIOL 180 and one course from among BIOL 200, BIOL 118 + BIOL 119, BIOL/FISH/OCEAN 250.
2. Chemistry (5 credits): CHEM 120
3. Earth Systems Literacy (3-5 credits): One course from among ATM S 211, ESS 201, ESS 230/OCEAN 230, GEOG 205, OCEAN 200
4. Statistics (5 credits): One course from among Q SCI 381, STAT 220, STAT 311
5. Values and Cultures (10 credits): Two courses from among ANTH 210, ECON/ENVIR/ESRM 235, HSTAA 221, and ENVIR/PHIL 243

Environmental Perspectives and Experiences (30 credits)

1. Minimum 30 credits from the list of approved courses (see department Web site or advising office for list). Courses must satisfy the perspectives and experiences sub-requirements shown below. At least 20 of the 30 credits must be at the 300 or 400 level. Courses listed under both perspectives and experiences may count toward either, but not both. Environmentally related independent study courses, study abroad programs, and other courses not on the approved list may count toward this requirement if approved in advance by the PoE adviser.
2. Perspectives: Minimum three credits in each of the following: natural sciences; human and social dimensions; policy and decision making; and tools and technologies.
3. Experiences: Minimum three credits in each of the following: bioregional studies and experiences; global studies and experiences; fieldwork.

Capstone Experience (10 credits)

1. ENVIR 490, ENVIR 491, ENVIR 492

GPA Requirements: Minimum 2.0 grade in each course presented for the major, except that courses taken to fulfill the biology, chemistry, and statistics requirements under foundational courses may be satisfied by an overall 2.00 GPA for the four courses combined.

Minor

Minor Requirements: 30 credits, including ENVIR 100 and either ENVIR 200 or ENVIR 250. Remaining 20 credits drawn from the environmental perspectives course list (see program Web site or adviser for list). At least one course (minimum three credits) in each environmental perspectives course category, i.e., natural sciences; human and social dimensions; policy and decision making; and tools and technologies. Ten of these 20 credits must be at the 300 or 400 level. Minimum 2.0 for each course presented for the minor.

Proposed Catalog Copy:

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**Memorandum of Understanding
ESRM / ENVIR / ECON 235 "Introduction to Environmental Economics"**

BACKGROUND

The Program on the Environment and the Department of Economics created the ECON/ENVIR 235 "Introduction to Environmental Economics" course in 2001 to teach undergraduates the role of economic thinking in understanding environmental issues. The intended audience was anyone interested in learning more about economic tools that can contribute to finding solutions to environmental challenges. No previous economic training is required for the course.

In 2008, the College of Forest Resources (CFR) proposed co-listing the course with the ESRM prefix in order to take advantage of expertise across colleges and allow units to collaborate on teaching the course and content. CFR's proposal for shared responsibility for the course followed their decision to make the ECON/ENVIR 235 course a requirement for all ESRM majors and their hiring of a new faculty member, Sergey Rabotyagov, whose environmental economics expertise is an excellent match for teaching the course.

AGREEMENT

The Program on the Environment and the College of Forest Resources agree to collaboratively fund the ESRM/ENVIR/ECON 235 course. CFR will be designated the responsible unit for course management. The Department of Economics will continue to co-list the course but will provide no funding.

Parties to the Agreement: Program on the Environment, College of Forest Resources, Department of Economics

Goal: The goal of this agreement is to formalize the structure (academic, administrative and financial) of the ESRM/ENVIR/ECON 235 course by creating an equitable and efficient partnership between the collaborating units. This will allow the course to continue and will provide necessary content for both the ENVIR and ESRM majors and for interested nonmajors.

Cost Allocation, Funding and Resource Sharing: Each of the units collaborating on this proposal will contribute to the support of the course as outlined below based on one offering per year effective Spring 2009.

Service	Annual Cost	Provider
<i>Faculty</i> - Sergey Rabotyagov (.50 FTE/quarter)	\$13,500	CFR
<i>Teaching Assistant</i> (1 at .50 FTE for 1 academic quarter)	\$4797	PoE
<i>Course Offerings</i> - ESRM 235, ENVIR 235, ECON 235	None	ECON, PoE, CFR
<i>Curriculum Coordination:</i> Time Schedule listings, add codes, course evaluations, textbook orders, grade sheets, TA hiring process	None	CFR

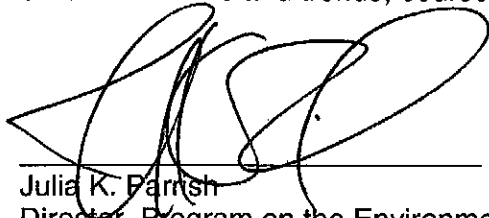
Course Limits and Access:

The course will be limited to 60 total students with enrollments and access split and managed as follows:

- ESRM section – limit of 30; priority registration through Period 1 for ESRM majors
- ENVIR section – limit of 20; priority registration through Period 1 for ENVIR majors
- ECON section – limit of 10; open to all students, all registration periods

Assessment: The course instructor will provide copies of the course evaluations annually to relevant Chairs in CFR, the Director of the Program on the Environment, and the Chair of the Department of Economics.

Term of Agreement: 3 years, with review of course in second year (including but not limited to: enrollment limits and trends, course evaluations, funding).



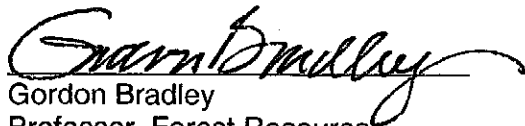
Julia K. Parrish

Director, Program on the Environment

Lowell and Frankie Wakefield Professor of the College of Ocean and Fishery Sciences

Associate Director, School of Aquatic and Fishery Sciences

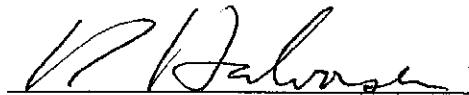
Professor, Biology



Gordon Bradley

Professor, Forest Resources

Chair, College of Forest Resources Curriculum Committee



Robert Halvorsen

Professor and Chair, Economics