



UNIVERSITY of WASHINGTON

Michael K. Young
President

June 9, 2014

Dean Lisa J. Graumlich
College of the Environment
Box 355679

Dear Lisa:

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 Bachelor of Arts degree in Environmental Studies. A copy of the change is attached.

I am writing to inform you that the Program on the Environment is authorized to specify these requirements beginning autumn quarter 2014.

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 that reads "Michael K. Young".

Michael K. Young
President

Enclosure

cc: Mr. Joseph Kobayashi (with enclosure)
Mr. Robert Corbett (with enclosure)
Ms. Virjean Edwards (with enclosure)



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE ACADEMIC PROGRAMS

MAY 16 2014

OFFICE USE ONLY

Control #

ENVIR-20140411

After college/school/campus review, send a signed original and 1 copy 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 Environment/Seattle	Department/Unit Program on the Environment	Date 04/11/2014
---	---	------------------------

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 _____.

Other Changes

- ☐ Change name of program from _____ to _____.
- ☐ Change delivery method or location of program.
- ☒ New or Revised Continuation Policy for _____.
- ☐ New Honors Requirements for _____.
- ☐ Eliminate program in _____.

Proposed Effective Date: **Quarter:** ☒ Autumn ☐ Winter ☐ Spring ☐ Summer **Year: 20 14**

Contact Person: Joe Kobayashi	Phone: 6-2461	Email: jkob@uw.edu	Box: 355679
-------------------------------	---------------	--------------------	-------------

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) proposes minor revisions to the requirements for the B.A. in Environmental Studies. The proposed changes rename and reorganize some requirement categories. These changes will improve student understanding of major requirements, and better reflect the selection of courses used to complete the major. Please see attached for additional information.

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: <u>Aquatic & Fishery Sciences</u>	Chair/Program Director: <u>See attached</u>	Date:
Department/Unit: <u>Anthropology</u>	Chair/Program Director: <u>See attached</u>	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:

Clare Ryan

Date:

4/7/14

College/School/Campus Curriculum Committee:

Clare Ryan

Date:

5/12/14

Dean/Vice Chancellor:

Wesley Grammer

Date:

5/15/14

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

Pat An Grammer

Date:

POST TRI-CAMPUS APPROVAL (when needed)

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:

Date:

Rationale and Summary of Proposed Changes to B.A. Major in Environmental Studies

The Program on the Environment (PoE) proposes minor revisions to the requirements for the B.A. in Environmental Studies. The proposed changes rename and reorganize some requirement categories. These changes will improve student understanding of major requirements, and better reflect the selection of courses used to complete this major.

- Separate current 'Biology' requirement into two categories: 1) 'Biology' (BIOL 180), and 2) 'Biological Systems' (one course from: BIOL 200, BIOL/FISH/OCEAN 250, ENVIR 240, ENVIR 280)
 - Rationale: language for current requirement is confusing to students (students unclear about whether or not BIOL 180 must be taken before additional biology course), and selection for biological systems has been updated to reflect newly developed course options at PoE.
- Change 'Quantitative Methods' requirement category to: 'Statistics' (one course from: STAT 220, 221, 311 or Q SCI 381)
 - Rationale: Methods courses are separate and distinct from statistics requirements, and the selection of courses for methods are not necessarily quantitative.
- Consolidate 'Earth Systems Literacy: Climate' and 'Earth Systems Literacy: Land, Water or Atmosphere' into one category: 'Earth Systems Literacy' (two courses from: ATM S 211, 212, ESS 201, 210, ESS/OCEAN 230, OCEAN 200, or GEOG 205).
 - Rationale: Climate issues and sciences have become pervasive content across earth science and other courses, raising the question of whether a separate course on climate is necessary. Students will be strongly advised to take a climate course, but allowing the option of taking any two courses from the earth systems list increases student ability to complete the major requirements.
- Create 'Economics' (one course from: ENVIR/ESRM/ECON 235 or FISH 230)
 - Rationale: Reflects new course option for foundational environmental/natural resource economics coursework from new Fisheries course. Removing economics from the 'values and cultures' domain prevents students from taking two economics courses to complete the requirement, and distinguishes values and cultures course options.
- Update selection for 'Values and Cultures' (two courses from: ENVIR/HISTAA 221, ENVIR/PHIL 243, ENVIR/ANTH/AES 211, or ANTH 210)
 - Rationale: reflects new options for values courses created in Anthropology
- Create 'Analytical Methods' (one course from approved list)
 - Rationale: reflects course selection that includes course options for geospatial methods, qualitative and quantitative methods. See attached for complete list of approved courses.
- Add ENVIR 489 as possible course for Departmental Honors Requirement (Four credits in ENVIR 489, 498, 499)
 - Rationale: ENVIR 489: Peer Teaching Assistant in Environmental Studies is only earned by students who have qualified through a competitive application process. Credits from this experience are suitable for departmental honors.

Stat/ESS/SC

Current Catalog Copy

Bachelor of Arts

Suggested First and Second-Year College Courses: ENVIR 100, ENVIR 200, ENVIR 250, and all foundational courses listed below.

Program Admission Requirements

Students in good academic standing may declare this major at any time.

General Education Requirements

All majors must satisfy the College of the Environment general education requirements.

Major Requirements

102-110 credits, as follows:

1. Core Courses (20 credits): ENVIR 100, ENVIR 200, ENVIR 250, ENVIR 300
2. Foundational Courses (~~50-39-45~~ credits)
 - a. Biology (~~40-5~~ credits): BIOL 180
 - b. ~~and Biological Systems (3-5 credits): One course (or sequence) from:~~
among BIOL 200, BIOL 118/BIOL 119, BIOL 250/FISH 250/OCEAN 250,
ENVIR 240, or ENVIR 280
 - c. Chemistry (5 credits): CHEM 120 or CHEM 142
 - d. Earth Systems Literacy (~~40-6-10~~ credits): Two courses from: ATM S 211, Climate—either ATM S 211 or ESS 201; Land, Water, or Atmosphere: one course from ATM S 212, ESS 201, ESS 210, ESS 230/OCEAN 230, OCEAN 200, or GEOG 205
 - e. ~~Quantitative Methods~~Statistics (~~40-5~~ credits): One course from Q SCI 381, STAT 220, STAT 221, or STAT 311; and one course from approved list (see department website or advising office for list)
 - f. ^{SOC / CSOC} Economics (5 credits): One course from ENVIR/ESRM/ECON 235 or FISH 230
 - g. Values and Cultures (~~45-10~~ credits): ~~Three~~Two courses from ECON 235/ENVIR 235/ESRM 235, ANTH 210, ANTH/ENVIR 211, HSTAA 221/ENVIR 221, and ~~or~~ ENVIR 243/PHIL 243. ~~With adviser approval, students may substitute related courses.~~
3. Analytical Methods (3-5 credits): one course from approved list (see department website or advising office for list)

4. Environmental Perspectives and Experiences (30 credits): Minimum 30 credits from the list of approved courses (see department website or advising office for list). Minimum 3 credits in each of the six following categories: perspectives -- human and social dimensions; natural sciences, and policy and decision making; experiences -- bioregional; international; and fieldwork. At least 25 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.
5. Capstone Experience (10 credits): ENVIR 490, ENVIR 491, ENVIR 492
6. GPA Requirements: Minimum 2.0 grade in each course presented for the major.

Proposed Catalog Copy

Bachelor of Arts

Suggested First and Second-Year College Courses: ENVIR 100, ENVIR 200, ENVIR 250, and all foundational courses listed below.

Program Admission Requirements

Students in good academic standing may declare this major at any time.

General Education Requirements

All majors must satisfy the College of the Environment general education requirements.

Major Requirements

102-110 credits, as follows:

1. Core Courses (20 credits): ENVIR 100, ENVIR 200, ENVIR 250, ENVIR 300
2. Foundational Courses (39-45 credits)
 - a. Biology (5 credits): BIOL 180
 - b. Biological Systems (3-5 credits): One course from: BIOL 200, BIOL 250/FISH 250/OCEAN 250, ENVIR 240, or ENVIR 280
 - c. Chemistry (5 credits): CHEM 120 or CHEM 142
 - d. Earth Systems Literacy (6-10 credits): Two courses from: ATM S 211, ATM S 212, ESS 201, ESS 210, ESS 230/OCEAN 230, OCEAN 200, or GEOG 205
 - e. Statistics (5 credits): One course from Q SCI 381, STAT 220, STAT 221, or STAT 311
^
Stat with Csess/Soc 221
 - f. Economics (5 credits): One course from ENVIR/ESRM/ECON 235 or FISH 230
 - g. Values and Cultures (10 credits): Two courses from ANTH 210, ANTH/ENVIR 211, HSTAA 221/ENVIR 221, or ENVIR 243/PHIL 243
3. Analytical Methods (3-5 credits): one course from approved list (see department website or advising office for list)
4. Environmental Perspectives and Experiences (30 credits): Minimum 30 credits from the list of approved courses (see department website or advising office for list). Minimum 3 credits in each of the six following categories: perspectives -- human and social dimensions; natural sciences, and policy and decision making; experiences -- bioregional; international; and fieldwork. At least 25 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.

5. Capstone Experience (10 credits): ENVIR 490, ENVIR 491, ENVIR 492
6. GPA Requirements: Minimum 2.0 grade in each course presented for the major.

Analytical Methods

CEE 250	Environmental Processes and Flows
ESRM 250	Introduction to GIS in Forest Resources
ESRM 304	Environmental and Resource Assessment
ESRM 430	Hyperspatial Remote Sensing in Natural Resource Management
ESS 421	Introduction to Geological Remote Sensing
OCEAN/FISH 452	Spatial Information Technology in Ecosystem Sciences
GEOG 360	Principles of GIS Mapping
GEOG 471	Methods of Resource Analysis
Q SCI 482	Statistical Inference in Applied Research I



UW Mail! - quick question about FISH 230

quick question about FISH 230

Samantha Scherer <iamsams@uw.edu>

Fri, Apr 4, 2014 at 9:59 AM

To: "Joseph T. Kobayashi" <jkob@uw.edu>

Hi Joe,

I just heard back from Kerry and she's on board. Chris Anderson, the instructor, wants the class to grow so this will be a nice step in that direction. Thanks for the heads up on this!

Cheers,
Sam

—
Samantha Scherer, Student Services Manager and Undergrad Advising
UW School of Aquatic & Fishery Sciences | Fishery Sciences Bldg, Suite 116 | 206-543-7457
Office Hours: Monday - Friday, 8:00-4:30
Website | Student Services Blog | Facebook

On Fri, Apr 4, 2014 at 8:51 AM, Samantha Scherer <iamsams@uw.edu> wrote:

Good to know, thanks. I'll get back to you ASAP.

Cheers,
Sam

--
Samantha Scherer, Student Services Manager and Undergrad Advising
UW School of Aquatic & Fishery Sciences | Fishery Sciences Bldg, Suite 116 | 206-543-7457
Office Hours: Monday - Friday, 8:00-4:30
Website | Student Services Blog | Facebook

On Fri, Apr 4, 2014 at 8:13 AM, Joseph T. Kobayashi <jkob@uw.edu> wrote:

If you have one section a year, probably 25-35 ENVIR majors per year.

Thanks,

Joe Kobayashi

Undergraduate Program Coordinator
Program on the Environment



UW Mail - Departmental approval for major changes in Environmental Studies

Departmental approval for major changes in Environmental Studies

Mee-Ling Hon <mhon@uw.edu>

Thu, May 1, 2014 at 2:11 PM

To: "Joseph T. Kobayashi" <jkob@uw.edu>

Hi Joe,

That is fine.

Thanks.

Mee Ling Hon
Academic Counselor
University of Washington
Department of Statistics, Box 354322
Padelford Hall, Room B313A
Seattle WA 98195
206-543-8296

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

From: June Morita [mailto:june@stat.washington.edu]

Sent: Thursday, May 1, 2014 2:09 PM

To: Mee-Ling Hon; galen@stat.washington.edu

Subject: Re: FW: Departmental approval for major changes in Environmental Studies

If 220 already is on the list, then 221 certainly could also go onto the list.

June

Mee-Ling Hon wrote:

>

> Hi June and Galen,

>

> Would you approve STAT 221 to be included in the full list of STAT

> requirement for the Environmental Studies program?

>

> Thanks.

>

> Mee Ling

>

> Mee Ling Hon

>

> Academic Counselor

>

> University of Washington

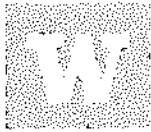
>

> Department of Statistics, Box 354322

>

> Padelford Hall, Room B313A

>



Checking in about ANTH approval for PoE major changes

Checking in about ANTH approval for PoE major changes

Janelle S Taylor <jstaylor@myuw.net>

Fri, May 2, 2014 at 4:08 PM

To: Rick Aguilar <ra5@u.washington.edu>, "Joseph T. Kobayashi" <jkob@uw.edu>

Cc: Diane Guerra <djguerra@u.washington.edu>

Dear Joe,

I am happy to agree to the terms of this 1503 application.

thanks,
Janelle

~~~~~

Janelle S. Taylor  
Professor and Chair  
Department of Anthropology  
University of Washington  
<http://depts.washington.edu/anthweb/users/jstaylor>  
jstaylor@uw.edu

~~~~~

From: Rick Aguilar <ra5@u.washington.edu>**Sent:** Thursday, May 01, 2014 12:05 PM**To:** Joseph T. Kobayashi**Cc:** Janelle S Taylor; Diane Guerra**Subject:** Fwd: Checking in about ANTH approval for PoE major changes

Hi Joe,

Sure. I have copied our chair, Janelle Taylor and Diane Guerra who can also speak regarding the 1503.

Best,
Rick

Begin forwarded message:

From: "Joseph T. Kobayashi" <jkob@uw.edu>**Subject:** Checking in about ANTH approval for PoE major changes**Date:** May 1, 2014 at 11:40:49 AM PDT**To:** Rick Aguilar <ra5@u.washington.edu>