

May 18, 2010

Dean Ana Mari Cauce
College of Arts and Sciences
Box 353765

Dear Ana Mari:

Based on the recommendation of the Faculty Council on Academic Standards, the Faculty Council on Tri-Campus Policy has recommended approval of the minor in Paleobiology. A copy of the change is attached.

I am writing to inform you that the Department of Biology is authorized to specify these requirements beginning autumn 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,



Mark A. Emmert
President

Enclosure

cc: Ms. Eileen O'Connor (with enclosure)
Mr. Robert Corbett (with enclosure)
Dr. Deborah H. Wiegand (with enclosure)
Todd Mildon, J.D. (with enclosure BIOL-20091217)



UNIVERSITY OF WASHINGTON
**CREATING AND CHANGING UNDERGRADUATE
 ACADEMIC PROGRAMS**

12-28-09

JAN 26 2010
 OFFICE USE ONLY
 Control #
 Bid - 20091217

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 ARTS & SCIENCES	Department/Unit BIOLOGY	Date 12/17/09
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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 PALEOBIOLOGY

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 ____ within the Bachelor of ____.
- Revised Requirements for the Option in ____ within the major in ____.
- Revised Requirements for the Minor in ____.

Other Changes

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

3-9621

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

Contact Person: Eileen O'Connor	Phone: 3-6488	Email: eoc@uw.edu	Box: 355320
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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 department of Biology now has a core of faculty in the field of Paleobiology and we wish to showcase this aspect of biology and offer a minor to those students across the disciplines of Biology, Geology (ESS), Anthropology, and Archeology who are interested in this field.

See attached sheet for departmental learning goals which would be addressed in this minor.

Projected enrollment is approximately 60 students.

The minor would be administered and advised through the Biology Advising Office.

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: ESS	Chair/Program Director: - 	Date: 12/21/09
Department/Unit: BIOA ARCHY	Chair/Program Director 	Date: 29 Dec 09

Paleobiology Minor:

Minor Requirements: minimum of 30 credits

1. BIOL 354 (3 credits)
2. Two of BIOL 443, BIOL 447, BIOL 450/ESS 452, BIOL 451/ESS 451 (8-10 credits)
3. One of ESS 100, ESS 104, ESS 115, or ESS 213 (2-5 credits)
4. One of ESS 313, ESS 450, ESS 455, or ESS 456 (3-5 credits)
5. One of BIO A 388 or ARCHY 470 (5 credits)
6. BIOL 483 (1-3 credits)
7. Remaining credits from any of the above or BIO A 389, BIO A 491, or advisor approved elective.
8. Minimum 2.00 cumulative GPA for courses presented for the minor.
9. Minimum 18 credits from outside of the student's major.
10. Minimum 15 credits completed at the UW.

Learning Goals for Paleobiology Minor

1. Organize biological information
Students will be able to summarize and organize information systematically and explore connections between different systems in the specific discipline area of the seminar.
2. Understand the process of biological science
Students will understand what a hypothesis is and how to test one, distinguish experimental from correlational tests, understand the need for controls, graphically represent raw data.
3. Become a practicing biologist
Students will be able to apply known principles of the sub-discipline to closely related but novel problems.
4. Consult primary biological literature for information
Students will be able to read a lay article and evaluate the information/ sources on which it is based, be familiar with different parts of a scientific paper, read an introduction/ abstract and summarize topic of paper.
5. Communicate knowledge
Students will be able to write a logical, clear answer to short essay exam questions, solve problems in logical steps, orally present results of a small group discussion (e.g. in lab), and / or present a poster session of gathered information/experiments

Seattle: Minor in Paleobiology (BIOL-20091217)

Tri-Campus Review Comments:

George Mayer

This proposal sounds very important, feasible, and timely to me.

G.Mayer
MSE

UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**

CHECKLIST

Title of Proposal:

Proposed by (unit name):

Originating Campus:

UW, Seattle

UW, Bothell

UW, Tacoma

I. Phase I. Developed Proposal Review (to be completed by Originating Campus' Academic Program Review body)

A. Review Completed by: (list name of program review body)

Chaired by:

01/21/10 Date proposal received by originating campus's review body

01/26/10 Date proposal sent to University Registrar

01/26/10 Date proposal posted & email sent to standard notification list

04/16/10 Date of originating campus's curriculum body approval

(Note: this date must be 15 business days or more following date of posting)

B. 1 Number of comments received. Attach the comments and a summary of the consideration and responses thereof : (1-2 paragraphs)

II. Phase II. Final Proposal Review (to be completed by FCTCP)

A. Review Completed by:

FCTCP subcommittee

FCTCP full council

Chaired by: Steven Collins

04/20/10 Date request for review received from University Registrar

05/13/10 Date of FCTCP report

B. Review (attached)

YES NO

Was notice of proposal posted on UW Website for 15 business days?

Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?

Were comments received by academic program review body?

Was response to comments appropriate? (explain, if necessary)

Was final proposal reviewed by FCTCP within 14 days of receipt?

Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

C. Recommendation

The FCTCP Curriculum Review Sub-Committee completed the Phase II review of this proposal. The proposal generated one response noting the feasibility and timeliness of the minor.

The FCTCP sub-committee is pleased to have the Registrar forward the final proposal for final action. Thank you. Steven Collins, Chair, FCTCP

Forward for final approval

Forward to Provost because of University issues (Explain)

Return to campus council because of insufficient review (Explain).

**Endorsed by Faculty Senate Executive Committee, 1/10/05, modified 1/31/06; These procedures apply to new undergraduate degrees, majors, minors (and certificates) and substantive changes to same

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.

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.

PALEOBIOLOGY: the minor in paleobiology is offered by the Department of Biology and is designed to provide students a solid foundation in the evolution and ecology of life in deep geologic time. In addition to classwork in paleontology, geobiology, astrobiology and paleoanthropology, the minor provides oppoortunities for field work and independent research.

Adviser

318 Hitchcock Hall, Box 355320

Minor

Minor requirements: 25 credits

1. BIOL 354 (3 credits)
2. Two of Biol 443, Biol 447, Biol 450/ESS 452, Biol 451/ESS 451 (10 credits)
3. One of ESS 100, ESS 104, ESS 115, ESS 213, BIOA 201(2 - 5 credits)
4. One of ESS 313, ESS 450, ESS 455, ESS 456 (3 - 5 credits)
5. Biol 550B or appropriate Biol 499 (1 - 3 credits)
6. Remaining credits from any of the above or BIOA 388, BIOA 389, BIOA 491, ARCHY 470
7. Minimum 2.00 cumulative GPA for courses presented for the minor

all attached

APPROVALS

Chair/Program Director:

[Signature]

Date:

12/21/09

College/School/Campus Curriculum Committee:

[Signature]

Date:

1/21/10

Dean/Vice Chancellor:

[Signature]

Date:

1/21/10

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

[Signature]

Date:

3/5/10

POST TRI-CAMPUS APPROVAL (when needed)

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

[Signature]

Date:

4/16/10