



UNIVERSITY OF WASHINGTON

OFFICE OF THE PRESIDENT

Mark A. Emmert, President

July 13, 2007

Dean B. Bruce Bare
College of Forest Resources
Box 352100

Dear Bruce:

Based upon the recommendations of the Faculty Council on Academic Standards, the Faculty Council on Tri-Campus Policy has recommended approval of an option in Wildlife Conservation within the existing major in Environmental Science and Resource Management. A copy of the proposal is attached.

I am writing to inform you that the College of Forest Resources is authorized to offer this option beginning autumn quarter 2007 and thereafter.

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: Michelle Trudeau (with enclosure)
Mr. Robert Corbett (with enclosure)
Dr. Deborah H. Wiegand (with enclosure)
Todd Mildon, J.D. (with enclosure ESRM-20070402C)



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

OFFICE USE ONLY
 Control #
ESRM-20070402C

After college/school review, send a signed original and 8 copies to FCAS, Box 355850.

APR 5 2007

For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

College Forest Resources	Department or Unit n/a	Date 4/2/07
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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 _____.

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 Wildlife Conserv within the major in Environmental Science & Res Mgmt.
- Revised Requirements for the Minor in _____.

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 07

Contact Person Michelle Trudeau	Contact's Phone 206 – 616 – 1533	Contact's Email michtru@u.washington.edu
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EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

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

Previously, Wildlife Science was a degree within the College. It averaged 55 students for a decade before being absorbed into the ESRM curriculum. Currently there are about 20 students affiliated with the Wildlife Science pathway. We believe that the drop in enrollment is due to reduced visibility of the program and the lack of a transcriptable degree. We expect that with the Wildlife Conservation option we would reclaim those 30 or so students. In fact, because the ESRM (Wildlife Conservation) option is more flexible than the old Wildlife Science degree, it is possible that we might exceed historical enrollments. This option requires no new courses, and all existing courses exceed enrollment minima. Because most professional employment requires a Master's degree, the Wildlife Conservation option is graduate school preparatory, hence the emphasis on quantitative skills. There are jobs for students with wildlife training in local, state, and federal agencies, consulting firms, NGOs, and of course academia.

CATALOG COPY

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

New Option.

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)

All requirements of ESRM will remain the same except:

Restricted Electives (35 credits): 300- or 400-level courses from within the College of Forest Resources. 15 of the 35 credits must be at the 400 level. To receive the Wildlife Conservation Option in Environmental Science and Resource Management (35 credits) students must complete: ESRM 350; ESRM 351; ESRM 450; ESRM 455 (to be taken at least twice); ESRM/QSCI 477; ESRM/QSCI 482; ESRM/QSCI 483.

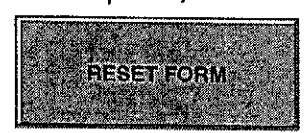
(See also attached option proposal from our curriculum committee.)

SIGNATURES (required)

Chair/Program Director	<i>Gwen Bruley</i>	Date	<i>4/4/07</i>
Dean	<i>B. B. Bruce Ball</i>	Date	<i>4/4/07</i>
College Committee	<i>Stephen D. Watt</i>	Date	<i>3 April 2007</i>
Faculty Council on Academic Standards	<i>Georg Ziller</i> <i>Post Incampus Georg Ziller</i>	Date	<i>4/13/07</i>

UoW 1503 (12/05) REVERSE

Georg Ziller
6/15/07



ESRM Option Proposal in Wildlife Conservation

1. Proposed Option Title

Wildlife Conservation

2. Brief Rationale for the Option

Previously, Wildlife Science was a degree within the College. It averaged 55 students for a decade before being absorbed into the ESRM curriculum. Currently there are about 20 students affiliated with the Wildlife Science pathway. We believe that the drop in enrollment is due to reduced visibility of the program and the lack of a transcriptable degree. We expect that with the Wildlife Conservation option we would reclaim those 30 or so students. In fact, because the ESRM (Wildlife Conservation) option is more flexible than the old Wildlife Science degree, it is possible that we might exceed historical enrollments. This option requires no new courses, and all existing courses exceed enrollment minima. Because most professional employment requires a Master's degree, the Wildlife Conservation option is graduate school preparatory, hence the emphasis on quantitative skills. There are jobs for students with wildlife training in local, state, and federal agencies, consulting firms, NGOs, and of course academia.

3. Faculty Lead/Advisor

David Manuwal: Student advisor; instructor for ESRM 350 (Wildlife Biology and Conservation), ESRM 351 (Wildlife Research Techniques, shared), ESRM 150 Wildlife in the Modern World, ESRM 456 (Biology and Conservation of Birds), ESRM 452 (Field Ornithology), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

4. Affiliated Faculty and Roles of Each

John Marzluff: Student advisor; instructor for ESRM 450 (Wildlife Ecology and Conservation), ESRM 458 (Management of Endangered, Threatened, and Sensitive Species), ESRM 459 (Wildlife Conservation in Northwest Ecosystems (shared)), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

Stephen West: Student advisor; instructor for ESRM 351 (Wildlife Research Techniques, shared), ESRM 455 (Wildlife Seminar, shared), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

Kenneth Raedeke: Student advisor; instructor for ESRM 455 (Wildlife Seminar, shared), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

James Agee: Student advisor; instructor for ESRM 351 (Wildlife Research Techniques, shared), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

John Skalski: Student advisor; instructor for QSCI 477 (Quantitative Wildlife Assessment)

Christian Grue: Student advisor; instructor for ESRM 455 (Wildlife Seminar, shared), FISH 455 (Fish and Wildlife Toxicology), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

Glenn VanBlaricom: Student advisor; instructor for FISH 475 Marine Mammalogy), ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

Joshua Lawler: Student advisor; contributions to course instruction to be determined, ESRM 494 (Senior Thesis Proposal), ESRM (Senior Thesis), ESRM 495 (Senior Project).

5. Specific ESRM Courses Required for the Option. (Course requirements for an option shall not exceed the 35-credit restricted electives specified in the upper level ESRM core course requirements. Recall that these are ESRM or PSE courses only; Q Sci by petition)

Please see the attached description of the Wildlife Conservation option.

6. Identify when each required course will be taught and by whom.

These are all existing courses:

ESRM 350 Wildlife Biology and Conservation: Manuwal; winter
ESRM 351 Wildlife Research Techniques: West, Manuwal, Agee; spring
ESRM 450 Wildlife Ecology and Conservation: Marzluff; winter
ESRM 455 Wildlife Seminar: West, Raedeke, Grue; autumn, winter, spring
ESRM/QSCI 477 Quantitative Wildlife Assessment: Skalski; spring
ESRM/QSCI 482 Statistical Inference in Applied Research I: various, autumn, winter, spring
ESRM/QSCI 483 Statistical Inference in Applied Research II: various, winter

7. Describe how the required capstone experience will be designed and administered.

Traditionally we have done the Senior Thesis Proposal and Senior Thesis sequence as a capstone for all wildlife students. This will continue as one alternative, one particularly well-suited for students wishing to attend graduate school. Another alternative would be a senior project, conducted by at least one wildlife faculty member and a group of students. Faculty and students may be able to identify appropriate group projects as logical outcomes of some courses within the Wildlife Conservation option. Particularly promising courses in this regard include ESRM 450, ESRM 458, and ESRM 459. Group projects will be designed cooperatively by faculty and students, and overseen by one or more faculty members. Faculty leadership will be a function of the project's focus. For both capstone options, students collaborate with one or more faculty members to develop a project (or thesis) proposal, conduct research, and prepare a written document in the style of a thesis or journal paper.

It is important to realize that Dr. Manuwal will be retiring in June 2008, although he plans to contribute to the program by offering ESRM 350 each year for five years. Josh Lawler has wildlife conservation expertise and is willing to contribute in various ways to the program, although he may affiliate more with another interest area, given his focus on landscape ecology.

Because present faculty members have accommodated wildlife science enrollments beyond 50 students, we don't see an overload situation in the near term. The future success of the CFR program in wildlife, however, will be closely tied to whether Dr. Manuwal is replaced in kind by another faculty member.

8. Suggested review and evaluation criteria for the option

Courses for the option exist now, so evaluative criteria for them will be the same as for all CFR courses. Evaluative criteria are being developed by the Curriculum Committee. We expect to have at least 50 students enrolled in the Wildlife Conservation option within 5 years. If enrollments remain at present levels, we may recommend dropping the option.

Environmental Science and Resource Management

Option in Wildlife Conservation (ESRM-20070402C)

Tri-Campus Review Comments:

Comment by David Fluharty made 4/23/2007 10:55:20 PM

It seems that the main purpose of this proposal is to restore the visibility of the Wildlife Science pathway within the College. This may be laudable but there is little discussion of how this curriculum change relates to the UW interest in the Program on the Environment.

There does not appear to be any attention to the basics of wildlife management law or policy at the state or national level in terms of course preparation. What sort of jobs is it expected that student will be prepared to assume upon completion of this degree?

Last of 7 messages



Date: Fri, 13 Jul 2007 11:15:43 -0700
From: Marcia Killien <killien@u.washington.edu>
To: uwcr@u.washington.edu
Cc: Robert Corbett <rcorbett@u.washington.edu>,
Marcia Killien <killien@u.washington.edu>
Subject: FCTCP reviews for ESRM-20070402B/C/D - 2nd Attempt: FCTCP review

A subcommittee of FCTCP has reviewed these additional responses to comments on the proposals for 1) ESRM-20070402B/C/D (new options in Sustainable Forest Management, Wildlife Conservation, and Landscape Ecology and Conservation) within the College of Forest Resources major in Environmental Science and Resource Management. Thank you for forwarding them to us; we concur that the proposals are now ready to be forwarded to the President's office for approval.

----- Original Message ----- From: <uwcr@u.washington.edu>
To: <Killien@u.washington.edu>
Sent: Tuesday, July 10, 2007 2:10 PM
Subject: FCTCP reviews for ESRM-20070402B/C/D - 2nd Attempt

- > Marcia,
>
> Please have FCTCP review the attached 1503's, comments, responses, checklists,
> other supporting documentation for 1) ESRM-20070402B/C/D (new options in
> Sustainable Forest Management, Wildlife Conservation, and Landscape Ecology
> and Conservation) within the College of Forest Resources major in
> Environmental Science and Resource Management.
>
> The College of Forest Resources has supplied responses per your request.
>
> Please let me know if you have any further questions.
>
> Jennifer
>
> ~~~~~
> UW Curriculum Office, Box 355850 (206) 543-5938
> http://depts.washington.edu/uwcr/
>
> New Course and Course Change forms are available on the Curriculum Office
> web site. Download them to your IBM computer and you can fill them out in
> Microsoft Word.
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UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**
CHECKLIST

Title of Proposal: Undergraduate option in Wildlife Conservation (ESRM-20070402C)

Proposed by (unit name): Forest Resources

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: FCAS

Chaired by: George Dillon

04/13/07 Date proposal received by originating campus's review body

04/13/07 Date proposal sent to University Registrar

04/16/07 Date proposal posted & email sent to standard notification list

06/08/07 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: M. Killien

6/15/07 Date request for review received from University Registrar

7/9/07 Date of FCTCP report

B. Review

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)

Summary:

FCTCP notes that the comments made by Professor Fluharty were not addressed; we would benefit from understanding FCAS's criteria for deciding that comments are "not germane or answered in the original form".

We note that typically FCAS or originating units request that the originating unit point out specifically where the issues were addressed in the original proposal or provide some rationale, and wonder why a different procedure followed in these proposals. We recommend that the originating unit be asked to provide a response to the comments and that those comments be forwarded with the proposal for final approval.

C. Recommendation

- ___ 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