ALC Revision

Major: Wildlife Ecology & Conservation

College: CALS

Effective term and year revisions will take place: Term: Fall **Year** 2012

Revisions requested in: (select all that apply)

☐ **Student Learning Outcomes (SLO)** **X** **Assessment of SLOs**

Briefly describe the revision and include the revised language:

Learning objectives will remain the same. Assessment methods will change to:

* Pass the wildlife ecology and conservation competency exam, given as part of either: WIS 4203C Landscape Ecology and Conservation or WIS 4554 Conservation Biology.
* Pass with a grade of C or better AEC 3030C and AEC 3033C.
* Satisfy the Florida statutes for the College-Level Academic Skills Requirement.
* Complete requirements for the baccalaureate degree, as determined by faculty.

Rationale/Justification for the revision:

Based on a program review (i.e., a survey of current and former students, evaluation of the courses and curriculum by faculty, members of relevant professional societies, stakeholders and potential employers, and the most recent 10-year review team), the curriculum has been revised. One course, formerly part of the student assessment/competency exam, has been deleted while another has been added as one of two courses considered capstone for the program. Current assessment methods include competency exams administered as part of several courses, one of which is the aforementioned deleted course. Our program review indicated that a more simplified and consistent assessment/competency exam procedure was needed, and suggested a single exam as part of our capstone courses in the new curriculum. For the proposed new assessment: a competency exam will be administered as part of both WIS 4554 – Conservation Biology and WIS 4203C – Landscape Ecology and Conservation. All students will be required to take at least one of these capstone courses. A series of common exam questions and assignments (between courses and among years) assessing student competency with regard to the Learning Objectives will be embedded in each course. These questions/assignments and their answers for all Wildlife majors taking these courses will be retained by the Department. Grades on these questions and assignments will be used to assess student learning.

If SLO is checked – Describe the individual student assessments that will be used measure the revised SLO?

If Assessment is checked – How does this new assessment method address the SLOs? Which SLOs does this new assessment apply to?

The competency exam used as the assessment method will determine the level of knowledge and skill developed by each student with regard to each of the SLOs.

If both checked: How do the assessment methods relate to the SLOs?

Please attach both the current ALC and the new, revised version.

Current ALC (Pasted from http://www.registrar.ufl.edu/catalog/programs/majors/alc/wildlife.html):

Academic Learning Compact - Wildlife Ecology and Conservation

The primary focus of the wildlife ecology and conservation major is to develop your knowledge of the conceptual and applied aspects of scientific, social and ethical thought in wildlife ecology and conservation. Emphasis is placed on the biology, ecology, natural history and behavior of Florida wildlife species and the management of wildlife, their habitats and their population dynamics for the greatest aesthetic, ecological, economic and recreational values. You will learn to think critically about major problems in the conservation of biological diversity and to apply biological principles to the preservation of this diversity.

Additional information is available from your major's website.

Before Graduating You Must

* Pass the wildlife ecology and conservation competency exam, given in four parts. One part will be given in each of the following required courses:
    - o WIS 3401 Wildlife Ecology and Management
    - o WIS 3402 and 3402L Wildlife of Florida and Laboratory
    - o WIS 3403C Perspectives in Wildlife Ecology and Conservation
    - o WIS 4554 Conservation Biology
* Pass AEC 3030C and AEC 3033C.
* Satisfy the Florida statutes for the College-Level Academic Skills Requirement.
* Complete requirements for the baccalaureate degree, as determined by faculty.

Skills You Will Acquire in the Major (SLOs)

1. Knowledge of scientific, social and ethical arenas of wildlife ecology and conservation; skills for critical reasoning in conservation management; knowledge of Florida wildlife species and their biology, ecology, natural history and behavior; principles and applications of wildlife management practices, population dynamics and habitat management; and application of biological principles to solve problems in wildlife conservation and preserve biological diversity.
2. Apply ecological, mathematical and statistical concepts to interpret, understand and communicate wildlife ecology and conservation data.
3. Create, interpret and analyze written text, oral messages and multimedia presentations used in agricultural and life sciences.

Courses	Content SLO 1	Critical Thinking SLO 2	Communication SLO 3
AEC 3030C			X
AEC 3033C			X
WIS 3401	X	X	X
WIS 3401L	X		
WIS 3402 and 3402L	X		
WIS 3403C	X	X	X
WIS 4554	X	X	X

Revised ALC:

Academic Learning Compact - Wildlife Ecology and Conservation

The primary focus of the wildlife ecology and conservation major is to develop your knowledge of the conceptual and applied aspects of scientific, social and ethical thought in wildlife ecology and conservation. Emphasis is placed on the biology, ecology, natural history and behavior of Florida wildlife species and the management of wildlife, their habitats and their population dynamics for the greatest aesthetic, ecological, economic and recreational values. You will learn to think critically about major problems in the conservation of biological diversity and to apply biological principles to the preservation of this diversity.

Additional information is available from your major's website.

Before Graduating You Must

* Pass the wildlife ecology and conservation competency exam, given as part of either:
WIS 4203C Landscape Ecology and Conservation or WIS 4554 Conservation Biology.
* Pass AEC 3030C and AEC 3033C. These courses are graded using a standard rubric developed by a faculty committee.
* Satisfy the Florida statutes for the College-Level Academic Skills Requirement.
* Complete requirements for the baccalaureate degree, as determined by faculty.

Skills You Will Acquire in the Major (SLOs)

1. Knowledge of scientific, social and ethical arenas of wildlife ecology and conservation; skills for critical reasoning in conservation management; knowledge of Florida wildlife species and their biology, ecology, natural history and behavior; principles and applications of wildlife management practices, population dynamics and habitat management; and application of biological principles to solve problems in wildlife conservation and preserve biological diversity.
2. Apply ecological, mathematical and statistical concepts to interpret, understand and communicate wildlife ecology and conservation data.
3. Create, interpret and analyze written text, oral messages and multimedia presentations used in agricultural and life sciences.

Courses	Content SLO 1	Critical Thinking SLO 2	Communication SLO 3
AEC 3030C			X
AEC 3033C			X
WIS 4203C or WIS 4554	X	X	X

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