Office of the Registrar

COURSE INVENTORY FORM

Check One ☐ **Create New Course** ☒ **Temporary Course Offering**

1. **Has this course previously been offered on a temporary basis?** ☐ Yes ☒ No If yes, indicate the term offered ____

2. | **Subject Area** | **Course Number** | **Course Title** (as it should appear on the transcript; maximum of 30 letters & spaces) |
   |---|---|---|
   | BIOL | 457 | HERPETOLOGY |

3. **Term for Implementation** (e.g., Spring 2010=201010, Fall 2010=201030) 201210

4. **Official Course Title** HERPETOLOGY

5. **Offering Unit** (See Table of Code Values.) College SC Department BIOL

6. **Credit Hours** Fixed Credit Hours: 4.00 Variable Credit Hours ____ ____ ____

7. **Repeat Limit** (See instructions.) 0 **Total Maximum Hours** (See instructions.) 4.00

8. **Grading** (Check all that apply.) ☒ Standard Letter Grading ☐ Pass/Fail Only ☐ No Grade
   ☐ In Progress – IP (Course is intended to span more than one term.)

9. **Schedule Type** (See Table of Schedule Types.) C ____ ____

10. **Corequisites** (courses required to be taken **concurrently** with this course)

Subject Area	Course Number	Subject Area	Course Number	Subject Area	Course Number

11. **Equivalent Courses** (Include Community College courses and other equivalent courses.)

Subject Area	Course Number	Subject Area	Course Number	Subject Area	Course Number

12. **Prerequisites** (See instructions.)

Subject Area	Course Number		Subject Area	Course Number		Subject Area	Course Number
BIOL	224	AND	BIOL	225	☐		

☐ Other ____

13. **Course Attribute** ☐ Honors Course ☐ Developmental Course

14. **Course Restrictions** ☐ Include/☐ Exclude College ☐ College ☐ Major ☐ Major ☐ Classification ☐

15. **Course Description** (Indicate exactly as it should appear in the University Catalog. Include pertinent special information, e.g., course fees, pass/fail grading, field trips, transportation requirements, etc.)
An introduction to the classification and biology of reptiles and amphibians

16. **Approvals:**
Department Head R A Schulte Date 9-28-11
Temporary course: College Dean Elaine Femald Date 10-9-11
Graduate Dean ____ Date ____
University Curriculum Committee ____ University Senate ____
Graduate Council ____

Office of the Registrar Use
CIP ____
Banner Data ____
Course Description ____
Evaluate ____

July 2009

Proposal Date: 22 August 2011

Ogden College of Science and Engineering
Department of Biology
Proposal to Create a Temporary Course
(Information Item)

Contact Person: Jarrett Johnson, jarrett.johnson@wku.edu, 745-6032

Identification of proposed course

1.1 Course prefix (subject area) and number: BIOL 457
1.2 Course title: Herpetology
1.3 Abbreviated course title: Herpetology
1.4 Credit hours: 4
1.5 Schedule type: C
1.6 Prerequisites: BIOL 224/225 with a grade of "C" (or higher) or consent of instructor
1.7 Course description: The diversity, biology, and conservation of reptiles and amphibians.

1. Rationale

2.1 Reason for offering this course on a temporary basis:
A course in herpetology was taught in the WKU Biology Department during the 1970s, and a new faculty member with expertise in the field is anxious to offer such a course during the Spring 2012 semester. To accommodate registration, there is insufficient time to complete the new course approval process. Hence, the department seeks one-time approval for the temporary course. This course is intended to be later developed as a new, regular offering.

2.2 Relationship of the proposed course to courses offered in other academic units:
GEOL 405 (Paleontology) provides a comprehensive overview of the nature of the fossil record with particular emphasis on invertebrates. The proposed course begins with an overview of the evolution of vertebrates (fish, amphibians, mammals, reptiles, and birds) but focus mainly on the diversity, biology, and conservation of reptiles and amphibians

2. Description of proposed course

2.1 Course content outline:
Lecture

- Introduction to herpetology
- Concepts in systematics and evolution of Tetrapoda
- Evolution of Amniotes and major features of living amphibians
- Amphibian diversity
- Major features of living reptiles and reptile diversity
- Problems in phylogeny
- Life histories
- Reproduction and mating systems

- Osmoregulation and thermoregulation
- Locomotion, orientation and movement
- Communication and foraging ecology
- Defense
- Population ecology and phylogeography
- Conservation of amphibians and reptiles

Lab

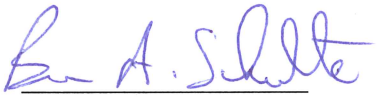
- Salamander diversity
- Salamanders of Kentucky
- Frog diversity
- Frogs of Kentucky
- Amphibian field trip
- Turtle diversity
- Turtles of Kentucky
- Lizard diversity
- Lizards of Kentucky
- Snake diversity
- Snakes of Kentucky
- Reptile field trip

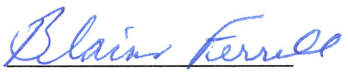
2.2 Tentative text(s):

- Herpetology by Vitt and Caldwell (2008, 3rd Edition), and
- A Field Guide to Reptiles & Amphibians of Eastern & Central North America by Conant and Collins (1998, 3rd Edition)

3. **Term of Implementation:** January 2012

4. **Dates of review/approvals:**

Biology Department Head: 

Ogden College Dean: 

Provost: _____

Attachment: Course Inventory Form