

# **UCC2: Course Change Transmittal Form**

Department Name and Number			
Current SCNS Course Identification  Prefix Level Course Number Lab Code   Course Title			
Effective Term and Year Terminate Current Course  Other Changes (specify below )			
Change Course Identification to:  Prefix Level Course Number Lab Code  Course Title (please limit to 21 characters)			
Credit Hours: From To Contact Hours:   Base or  Headcount From To			
Rotating Topic: From  yes  yes  yes  yes  yes  yes  no  no			
/ariable Credit: From			
Prerequisites Co-requisites			
From From			
То			
Course Description (50 words or less; if requesting a change, please attach a syllabus)			
-rom To			
Rationale /Place in Curriculum/Impact on Program			
Department Contact Name Phone Email			
College Contact Name Phone Email			

### Syllabus for ZOO Vertebrate Biodiversity Spring 2011

Lecture times: TBA Lab times: TBA

Lecture Instructor: TBA Email: jaholliday@ufl.edu

Phone: 229-327-4216

Lab TA: TBA

### I. Course Description:

The evolution, ecology and conservation of vertebrates. Emphasis is on wild animals, including historic patterns of diversification, adaptation, and current conservation issues.

Laboratory will include field trips.

Prereq: BSC 2011 and 2011L, or equivalent, with minimum grades of C.

#### II. Textbook and other materials:

Pough, Vertebrate Life, 8<sup>th</sup> edition

Target copy: Lab manual

III. Credit Hours: 4

#### **IV.** Course Objectives:

This course explores the diversity, adaptations, and ecology of vertebrates.

The lectures and labs are coordinated as much as possible so that laboratory work expands upon information provided through lecture and reinforces an understanding of diversity and adaptation.

#### V. Policies and requirements:

Attendance: Students are expected to attend all scheduled classes. This course covers a great deal of material; absences/excessive tardiness should be avoided as you may find yourself hopelessly behind. If unavoidable circumstances (= a valid excuse) prevent a student from attending a scheduled class, that student MUST notify the instructor in advance or within 24 hours of the missed class so we can arrange for you to make up any work missed (e.g. a test). If a test is missed due to an EXCUSED absence, the student is responsible for scheduling a retest with the instructor. If the retest is not taken before the next scheduled test, a zero for the missed test will be given. Students who, without a valid (e.g. doctor's excuse), request to take an exam late, will automatically have 20 pts deducted from their 1st late exam and 30 points from their 2<sup>nd</sup> late exam, and

40 points from their third (In other words, don't call in "sick" because you want more time to study). I will take roll and/or give random quizzes during class. Attendance and preparation will be taken into account when determining your overall grade.

**Classroom behavior**: Behave with courtesy towards your fellow students and the instructor. Avoid talking during lecture time as it is highly disruptive to other students. Cell phones should be turned off before coming to class. Any student who persists in interrupting the class or who acts aggressively/disrespectfully may be asked to leave.

**Grammar:** Correct grammar, punctuation, spelling, capitalization and paragraphing should be incorporated in exams as well as any typed reports. **Spelling and Grammar will be graded.** 

**Examinations:** Any material covered during the lecture period *or assigned in your reading* may be included in the examinations. This may include textbook illustrations, films, or lecture material. Lecture tests will consist of 50-100 questions including multiple choice, T/F, short answer, and essay. Quizzes may be given at any time, without notice. There will be no make-up quizzes. If a student misses one exam due to a preapproved excused absence, he must make up the missed test before the next exam or receive a zero for the missed test. Extra credit (maximum 5% of total points) is offered in a variety of formats.

**Incomplete ("I"):** If a student has completed the majority of the course work and particular DOCUMENTED circumstances prevent completion of the course in the time allotted, the student may, with the agreement of the instructor, be assigned an "I" pending resolution of the grade. All incompletes MUST be resolved by the end of the following term or the student will receive a grade of "E" (failing).

#### VI. Drop/Add/Withdrawal:

A student can drop/add during the drop add period with no penalty. After drop/add, a student who drops will receive a W until the date listed in the academic calendar. After that date, the student may be assigned an "E" (fail). Note: it is the responsibility of the STUDENT to withdraw from a course, not the instructor. Failure to attend class is NOT a drop.

#### **VII. Honesty Policy:**

All students registered at the University of Florida have agreed to comply with the following statement: "I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University."

In addition, on all work submitted for credit the following pledge is either required or implied: "On my honor I have neither given nor received unauthorized aid in doing this assignment."

If you witness any instances of academic dishonesty in this class, please notify the instructor or contact the Student Honor Court (392-1631) or Cheating Hotline (392-6999). For additional information on Academic Honesty, please refer to the University of Florida Academic Honesty Guidelines at:

http://www.dso.ufl.edu/judicial/procedures/academicguide.html.

#### VIII. Accommodation for Students with Disabilities:

Students who will require a classroom accommodation for a disability must contact the Dean of Students Office of Disability Resources, in Peabody 202 (phone: 352-392-1261). Please see the University of Florida Disability Resources website for more information at: <a href="http://www.dso.ufl.edu/drp/services/">http://www.dso.ufl.edu/drp/services/</a>.

It is the policy of the University of Florida that the student, not the instructor, is responsible for arranging accommodations when needed. Once notification is complete, the Dean of Students Office of Disability Resources will work with the instructor to accommodate the student.

#### IX. Software Use:

All faculty, staff and student of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate.

### X. UF Counseling Services:

Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

UF Counseling & Wellness Center, 3190 Radio Rd, 392-1575, psychological and psychiatric services.

Career Resource Center, Reitz Union, 392-1601, career and job search services. Many students experience test anxiety and other stress related problems. "A Self Help Guide for Students" is available through the Counseling Center (301 Peabody Hall, 392-1575) and at their web site: http://www.counsel.ufl.edu/.

# XI. Course assignments and grading policies: Grades

<b>Graded Item</b>	Date	Time/Place	<b>Total Points</b>	Percent
Lecture exam 1	Jan 24	In class	100	10
Lecture exam 2	Feb 14	In class	100	10
Lecture exam 3	March 4	In class	100	10
Lecture exam 4	April 4	In class	100	10
Final exam	April 26	See sched.	100	10
Homework	syllabus	In class	200	20.0
assignments				
Laboratory	TBA	TBA	300	30.0
exams/quizzes/				
participation				
		FINAL	1100	100
		GRADE		

Grades: Grading Scale Point Range (%)	Letter Grade	GPA equivalent
≥ 90.00	A	4.0
86.7 – 89.9	A-	3.67
83.3 – 86.6	B+	3.33
80.0 - 83.2	В	3.0
76.7 – 79.9	B-	2.67
73.3 – 76.6	C+	2.33
70.0 - 73.2	С	2.0
66.7 – 69.9	C-	1.67
63.3 – 66.6	D+	1.33
60.0 - 63.2	D	1.0
56.7 – 59.9	D-	0.67
< 56.7	Е	0

Note that a "C-" will not be a qualifying grade for critical tracking courses. In order to graduate, students must have an overall GPA and an upper-division GPA of 2.0 or better (C or better). Note: a C- average is equivalent to a GPA of 1.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit: <a href="http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html">http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html</a>

## XII. Lecture Schedule for Spring 2011 \*\*\* SUBJECT TO REVISION\*\*\*\*

Day/Date	Chapter	Topic
Wednesday Jan 5	2	What is a vertebrate? Vertebrate
-		design
		Classification and phylogeny of
		vertebrates.
Friday Jan 7	1, 2 (+ on-line/homework	Phylogenetic systematics: how to
	assignment)	read a tree
Monday Jan 10	2	What is a vertebrate? Organ
		systems (overview)
Wednesday Jan 12	2	What is a vertebrate? Organ
		systems (overview)
	3	Jawless vs. jawed fishes;
		appearance of the gnathostomes
Wednesday Jan 19	4	Living in water
Friday Jan 14	(+ on-line/homework	Mapping and protecting
•	assignment)	biodiversity
		·
Monday, Jan 24	Exam 1 (mixed in-class	
	and take-home)	
Wednesday Jan 26	5	Chondrichthyes: diversity,
		reproduction, human impacts and
		conservaton
Friday Jan 28	5	Chondrichthyes: diversity,
		reproduction, human impacts and
		conservation
Monday Jan 31	6	Osteichthyes: diversity,
		locomotion, reproduction, human
		impacts and conservation
Wednesday Feb 2	6 (+ on-line/homework	Osteichthyes: diversity,
	assignment: pollution,	locomotion, reproduction, human
	habitat loss, over-	impacts and conservation
	exploitation and	
	overfishing)	
Friday Feb 4	9	Tetrapoda: living on land
Monday Feb 7	10	Amphibians: diversity and
		taxonomy
Wednesday Feb 9	10	Amphibians: Gas exchange,
		metamorphosis, defense,
		conservation
Friday Feb 11	Exam 2 (mixed in-class	
	and take-home)	
Monday Feb 14	11	Sauropsids vs. synapsids: key
		differences in anatomy,

		reproduction and thermoregulation
Wed Feb 16	11	Sauropsids: diversity and
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		synapomorphies
Friday Feb 18	12	Turtles are from Mars (evolution,
111444) 1 00 10		anatomy, reproduction, habitat,
		adaptations, conservation)
Monday Feb 21	13(+ on-line/homework	Lepidosaurs (tuatara, lizards and
	assignment: habitat loss,	snakes)
	exotic species)	,
Wed Feb 23	13	Squamates (lizards and snakes)
		diversity, anatomy, feeding,
		reproduction, social behavior,
		human impacts
Fri Feb 25	13	Squamates (lizards and snakes)
		diversity, anatomy, feeding,
		reproduction, social behavior,
		human impacts
Monday Feb 28	Exam 3(mixed in-class	
	and take-home)	
Wednesday March	16.1-16.3	Mesozoic Diapsids: What is a
2		diapsid?
		Diversity and phylogeny of
		archosaurs
Friday March 4	16	Archosaurs: ancient swimmers and
		flyers.
Monday Mar 14	16	Archosauria: Crocodylians:
		diversity, anatomy, feeding,
		reproduction, social behavior,
		conservation
Wed Mar 16	16	Archosauria: saurischians
Friday Mar 18	16 (+ on-line/homework	Archosauria: ornisthischians
	assignment: extinction and	
36 1 36 04	climate change)	
Monday Mar 21	17	Theropods to Aves: diversity,
		anatomy, feeding, reproduction,
W 1M 22	17	social behavior, conservation
Wed Mar 23	17	Aves: Paleognaths and Neognaths:
		diversity, anatomy, feeding,
		reproduction, social behavior, conservation
Emidory Mar 25	17	
Friday Mar 25	17	Aves: Neognaths: diversity,
		anatomy, feeding, reproduction,
Monday Man 20	Evom 4(miyadin alası	social behavior, conservation
Monday Mar 28	Exam 4(mixed in-class	
	and take-home)	

Wed Mar 30	20, 21	Synapsid diversification and evolution of the jaw and middle ear
Friday April 1	20, 21(+ on-line/	Mammals: Prototherians,
Tilday April 1	homework assignment:	Metatherians: diversity, anatomy,
	habitat fragmentation,	feeding, reproduction, social
	destruction and human	behavior, conservation
	effects)	benavior, conservation
Manday Amil 4	21	Money also Dustotheriens
Monday April 4	21	Mammals: Prototherians,
		Metatherians: diversity, anatomy,
		feeding, reproduction, social
		behavior, conservation
Wednesday April 6	(+ on-line/homework	Endangered species act, frozen
	assignment)	zoos, captive breeding,
		reintroductions
Friday April 8	21	Placentals I: diversity, anatomy,
		feeding, reproduction, social
		behavior, conservation
Monday April 11	21	Placentals II: diversity, anatomy,
		feeding, reproduction, social
		behavior, conservation
Wednesday April	21	Placentals III: diversity, anatomy,
13		feeding, reproduction, social
		behavior, conservation
Friday April 15	24, 25	Origins and diversity of primates
Monday April 18	24, 25	Origins and diversity of hominids
Wednesday April	Wrap up, Catch-up, review	-
20		
Final Exam	IN-CLASS only	TBD

## XII. Lab Schedule for Spring 2011 \*\*\* SUBJECT TO REVISION\*\*\*\*

LAB	Day/Date
No labs	Tuesday, January 4,
	Thursday January 6
Lab 1, Activities 1 (cladistics), 2 (evolutionary thinking);	Tuesday, January 11
worksheets	Thursday, January
	13
Quiz I	Tuesday, January 18
Lab 2, Gnathostomes	Thursday January 20
activity 4 (perch dissection); worksheets	
Quiz 2	Tuesday January 25
Lab 3: Jawed fish diversity (worksheets/matrix in lab)	Thursday, January
	27
Fish trapping field trip	Tuesday February 1
	Thursday February 3
Quiz 3	Tuesday February 8
Lab 4: amphibian form, function, diversity, Activity 6	Thursday February
dissection frog, salamander; worksheets	10
Lab Exam Thursday Evening times TBD	Thursday February
	17
Lab 5: turtle form, function, diversity; worksheets	Tuesday February 22
	Thursday February
	24
Quiz 4	Tuesday March 1
Lab 6 Lepidosaur form, function, diversity, snake dissection	Thursday March 3
(optional); worksheets	
SPRING BREAK	Tuesday March 8
	Thursday March 10
Quiz 5	Tuesday March 15
Lab 7 Archosaur form and function, bird anatomy; worksheet	Thursday march 17
Quiz 6	Tuesday March 22
Lab 8 Archosaur diversity; worksheets	Thursday March 24
Quiz 7	Tuesday March 29
Bird field trip	Thursday March 31
Mammal form, function, anatomy, diversity, worksheet	Tuesday April 5
	Thursday April 7
Lab Finals (100 pts) Thursday Evening times TBD	Thursday April 14

# CLAS Course Approval Checklist

A.	<u>Departmental Review</u> : This course has been reviewed (see <a href="http://www.clas.ufl.edu/curriculum/newcourses.html#guidelines">http://www.clas.ufl.edu/curriculum/newcourses.html#guidelines</a> for instructions) and approved by:				
			, Title		
	E-mail		; Phone number		
В.	External Consulta proposed course,		epartments with potential overlap or inter	rest in	
	1	Department	Title		
	E-mail		; Phone number		
	2	Department	Title		
	E-mail		; Phone number		
	3	Department	Title		
	E-mail		; Phone number		
	Brief summary of	their comments:			
C	Further information	on about the course (see CLAS Der	oartmental Peview Guidelin	00)	

## Course Overview

To facilitate revi	iew of your cours	se proposal, please	provide the following information:
Prefix:	Number:	Title:	
	Description: max with other descripti		$rac{1}{2}$ (including spaces), must match description provided in the UCC1 form. Aim for $rac{1}{2}$
			overall program? Will it satisfy requirements for a major or minor? Is it intended use to a change in major or minor requirements?)
Meets a total of	hours ea	ch week for the dur	ation of the semester. (If not for entire semester, please explain)
	s: (what percenta tute the final cou	-	mes from each exam, report, presentation, and so on; whatever
% of the fina	al grade comes f	rom	(requirement)
% of the fina	al grade comes f	rom	(requirement)
% of the fina	al grade comes f	rom	(requirement)
% of the fina	al grade comes f	rom	(requirement)
% of the fina	al grade comes f	rom	(requirement)
Texts required (	(if any) including	authors, title, year,	publisher:

### List of topics

Week	Topic
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	