

BIOLOGY 160 (Sections 7, 8, & 9)  
Introduction to Animal Biology Class Schedule - Spring 2013

**Instructor:** Dr. Todd C. Huspeni  
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**Office Hours:** Mon. 11-2 & Tue. 1-2  
Or by appointment ☺

**Required textbook:** *Integrated Principles of Zoology* by Hickman, Roberts, Larson, I'Anson & Eisenhour  
15<sup>th</sup> Edition (Bookstore rental).

**Required lab manual:** *Introduction to Animal Biology* (purchase at the bookstore)

**Optional lab reference:** *A Photographic Atlas for the Zoological Laboratory* (purchase at the bookstore)

**The purchase of a dissecting kit from the bookstore is also required.**

MEETINGS	MEETING TIMES	EXAM TIMES	OPEN LAB HOURS
Lecture	Mon., Tue. & Thu. 2:00-2:50 P.M. TNR 170	Lecture exams take place during lecture	
Lab Section 7	Mon. 8:00-10:50 A.M. TNR 355	Tue. 5:00-6:00 P.M. TNR 351 or 355	Mon. – Thu. 6:30-8:30 P.M.
Lab Section 8	Tue. 8:00-10:50 A.M. TNR 355	Tue. 6:00-7:00 P.M. TNR 351 or 355	Mon. – Thu. 6:30-8:30 P.M.
Lab Section 9 (Betsie Graham)	Wed. 9:00-11:50 A.M. TNR 355	Tue. 7:30-8:30 P.M. TNR 351 or 355	Mon. – Thu. 6:30-8:30 P.M.

**Lab exams are scheduled ONLY for the following dates:**

**Lab Exam 1 – Tuesday March 5**

**Lab Exam 2 – Tuesday April 16**

**Lab Exam 3 – Tuesday May 7**

**Note 1:** Lab exams are not cumulative, but only cover material explored prior to the previous lab exam.

**Note 2:** Test Sections meet ONLY during these scheduled exams and not on other Tuesdays during the semester.

**Course objective:** The objective of this course is to introduce students to the amazing and diverse world of animals. In order to accomplish this, we will begin our exploration of animals by focusing on structure and function at the chemical, subcellular and cellular levels, continuing with an examination of genetics and mechanisms of reproduction. From here we will journey through increasingly higher levels of biological organization (tissues, organs, and organ systems), after which students will be introduced to the diversity of forms and functions in animal phyla.

**Course requirements:** This course consists of three 50-minute lectures and one three-hour lab per week. You will be required to take four lecture exams worth 100 points each and three lab practical exams worth 120 points each.

**Grading:** Points for this course will be assigned as follows:

Four lecture exams (100 points each)	= 400 points
Three lab practicals (120 points each)	= 360 points
<b>Total</b>	<b>= 760 points</b>

Final grades will be assigned based on the following cutoff percentages:

A	= $\geq$ 93%	B-	= 80-82%	D+	= 67-69%
A-	= 90-92%	C+	= 77-79%	D	= 60-66%
B+	= 87-89%	C	= 73-76%	F	= < 60%
B	= 83-86%	C-	= 70-72%		

**Attendance:** Attendance for lecture and lab is mandatory, and past experience has shown there is usually a strong positive correlation between the amount of time a student spends in class and her/his final grade. It is your responsibility to get the notes for any missed classes. Make-up exams will be provided only in the case of serious illness (requiring a physician's note), or the death of a relative. However, absences relating to a student's religious beliefs will be accommodated according to UWS 22.03, providing the student notifies the instructor within the first three weeks of the beginning of class regarding the specific dates she/he will be absent.

**Academic integrity:** Any misrepresentation of your work, including plagiarism, or cheating on exams will result in a zero (0) being recorded for that activity. Students are encouraged to become familiar with and understand the UWS/UWSP *Student Academic Standards and Disciplinary Procedures* governing student academic conduct. This is available for download at: <http://www.uwsp.edu/admin/stuaffairs/rights/rightsChap14.pdf>

**Students with disabilities:** Students with disabilities are welcome and encouraged in this class. Students with disabilities should contact the Office of Disability Service during the first two weeks of the semester if they wish to request specific accommodations.

**Extra help:** Tutors are available to help students with lecture and lab material. Interested students are encouraged to contact the Tutoring-Learning Center.

**Study Aids:** Supplemental handouts may be provided during particular lectures. Lecture PowerPoint presentations (in a condensed format) will be made available to registered students through the course link in *Desire to Learn* (D2L). Please note that lectures are only guaranteed to appear on D2L **after** each lecture is given, and students must recognize the content of these files **cannot** replace regular class attendance. Lab handouts will also be available on D2L.

**Introduction to Animal Biology**  
**Bio 160 Spring 2013 Lecture Schedule**

(The lab schedule will be distributed during the first lab period)

<b>DATE</b>	<b>TOPIC</b>	<b>PAGES</b>
Jan. 22	Welcome & Introduction	1-18
Jan. 24	Origin & chemistry of life	19-34
Jan. 28	Cellular organization I	35-54
Jan. 29	Cellular organization II	35-54
Jan. 31	Cellular metabolism I	55-70
Feb. 4	Cellular metabolism II	55-70
Feb. 5	Cellular metabolism III	55-70
Feb. 7	Cellular metabolism IV	55-70
Feb. 11	Principles of genetics I	85-99
Feb. 12	Principles of genetics II	85-99
Feb. 14	Principles of genetics III	71-85
Feb. 18	<b>Exam I</b>	
Feb. 19	Principles of genetics IV	71-85
Feb. 21	Support, protection & movement I	647-667
Feb. 25	Support, protection & movement II	647-667
Feb. 26	Feeding, digestion & nutrition	710-727
Feb. 28	Reproduction I	134-154
Mar. 4	Reproduction II	134-154
Mar. 5	Development I	155-183
Mar. 7	Development II	155-183
Mar. 11	Homeostasis: Internal fluids & respiration I	688-709
Mar. 12	Homeostasis: Internal fluids & respiration II	688-709
Mar. 14	<b>Exam II</b>	
<b>Spring Break ☺</b>		
Mar. 25	Nervous system I	728-753
Mar. 26	Nervous system II	728-753
Mar. 28	Nervous system III	728-753
Apr. 1	Nervous system IV	728-753
Apr. 2	Microevolution	123-127
Apr. 4	Organic evolution I	100-133

<b>DATE</b>	<b>TOPIC</b>	<b>PAGES</b>
Apr. 8	Organic evolution II	100-133
Apr. 9	Unicellular eukaryotes- Protist groups	216-246
Apr. 11	Radiate animals: Cnidarians & Ctenophores	261-289
Apr. 15	Flatworms & Ribbon worms	290-313
Apr. 16	Rotifera & Acanthocephala	314-332
Apr. 18	<b>Exam III</b>	
Apr. 22	Molluscs	333-363
Apr. 23	Annelids & Annelid allies	364-386
Apr. 25	Arthropods I- Trilobites & Chelicerates	405-422
Apr. 29	Arthropods II – Crustacea & Hexapoda	423-471
Apr. 30	Chordates intro. & Fishes	500-546
May 2	Early tetrapods and modern amphibians	547-566
May 6	“ <i>Cane Toads</i> ” Video	
May 7	Early amniotes and non-avian reptiles	567-589
May 9	Birds	590-616
<b>May 14</b>	<b>Exam IV (12:30-2:30 P.M.)</b>	