

BIOLOGY 160 (Sections 11 & 12)
Introduction to Animal Biology Class Schedule - Fall 2012

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Office Hours: Mon. 10 A.M.-12 P.M. & Wed. 10-11 A.M.
Or by appointment ☺

Required textbook: *Integrated Principles of Zoology* by Hickman, Roberts, Larson & I'Anson
(Bookstore rental)

Required lab manual: *Introduction to Animal Biology*
(Available from 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	LAB EXAM TIME	OPEN LAB HOURS
Lecture	M W R 2:00-2:50 P.M. TNR 122		
Lab Section 11	W 11:00 A.M.-1:50 P.M. TNR 355	Tue. 6:00-7:00 P.M. TNR 355	Mon. – Thu. 6:30-8:30 P.M.
Lab Section 12 (Betsie Graham)	R 11:00 A.M.-1:50 P.M. TNR 355	Tue. 7:30-8:30 P.M. TNR 355	Mon. – Thu. 6:30-8:30 P.M.

Lab exams are scheduled for only the following dates:

Lab Exam 1 – Tuesday October 9

Lab Exam 2 – Tuesday November 13

Lab Exam 3 – Tuesday December 11

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

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

Note 3: Lab exams **CANNOT** be rescheduled.

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
Total	= 760 points

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 visit this UWS/UWSP link explaining student rights and responsibilities regarding academic misconduct: <http://www.uwsp.edu/admin/stuaffairs/rights/rightsChap14.pdf>
Please see me if you have any questions regarding this policy.

Students with disabilities: Students with disabilities are welcome and encouraged in this class. Students with disabilities should contact the Office of Disability Services 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 Fall 2012 Lecture Schedule

(Lab Schedule is in *Introduction to Animal Biology* Lab Manual)

DATE	TOPIC	PAGES
Sep. 5	Welcome & Introduction	2-20
Sep. 6	Origin & chemistry of life	21-35
Sep. 10	Cellular organization 1	36-55
Sep. 12	Cellular organization 2	36-55
Sep. 13	Cellular metabolism 1	56-72
Sep. 17	Cellular metabolism 2	56-72
Sep. 19	Cellular metabolism 3	56-72
Sep. 20	Principles of genetics I	88-101
Sep. 24	Principles of genetics II	88-101
Sep. 26	Principles of genetics III	74-87
Sep. 27	Exam I	
Oct. 1	Support, protection & movement 1	626-647
Oct. 3	Support, protection & movement 2	626-647
Oct. 4	Support, protection & movement 3	626-647
Oct. 8	Feeding, digestion & nutrition	690-707
Oct. 10	Guest Lecture on wildlife rehabilitation	
Oct. 11	Reproduction 1	131-150
Oct. 15	Reproduction 2	131-150
Oct. 17	Development	151-192
Oct. 18	Circulation and respiration	668-689
Oct. 22	Nervous system 1	708-734
Oct. 24	Nervous system 2	708-734
Oct. 25	Nervous system 3	708-734
Oct. 29	Exam II	
Oct. 31	Microevolution	120-125
Nov. 1	Organic evolution	102-130
Nov. 5	Protists	210-238
Nov. 7	Cnidarians (Coelenterates) & Ctenophores	253-281
Nov. 8	Acoelomate animals 1	282-303

DATE	TOPIC	PAGES
Nov. 12	Acoelomate animals 2	282-303
Nov. 14	Pseudocoelomate animals	304-324
Nov. 15	Exam III	
Nov. 19	Molluscs	325-354
Nov. 21	Segmented worms	355-372
	Thanksgiving! ☺	
Nov. 26	Arthropods I- Trilobites & Chelicerates	373-385
Nov. 28	Arthropods II – Crustacea	377-396
Nov. 29	Arthropods III – Uniramia	397-425
Dec. 3	Echinoderms and Hemichordates	454-479
Dec. 5	Chordates	480-497
Dec. 6	Fishes	498-526
Dec. 10	Amphibians	527-546
Dec. 12	“ <i>Cane Toads</i> ” Video	
Dec. 13	Reptiles & Birds	547-594
Dec. 17	Exam IV (10:15 A.M. – 12:15 P.M.)	