

**BSC 2011L**  
**Section 02**

**ANIMAL DIVERSITY**

**FALL 2003**

**Instructor:**

**Matt Schrader**  
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**Lecture:**

M 3:35-4:35 BIO 208  
F 8-9:15 CON 239

**Lab:**

F 9:15-12:00 CON 239

**Lab Coordinator:**

Barbara Shoplock  
bshop@bio.fsu.edu

**CourseWeb Site:**

<http://bio.fsu.edu/~bsc2011/>



**Required Texts:** An Introduction to Animal Diversity, 5<sup>th</sup> ed. by Tschinkel, et al. (TSC)  
Animal Diversity, by Hickman, Roberts & Larson, 3rd ed. (HRL)

Date	Lecture and Lab Topics	Assigned Readings
M 8/25	Introduction Video: Porifera	HRL, Ch. 1, 3, 6
F 8/29	Classification & Porifera Lab I: Use of Microscope & Porifera	HRL, Ch. 3, 4, 6 TSC, Ch. 1 & Appendices A, B
M 9/1	<b>No class</b>	
F 9/5	Cnidaria Lab II: Cnidaria (Quiz 1 on Lab I)	HRL, Ch. 3, 7 TSC, Ch. 2
M 9/8	Video: Cnidaria	HRL, Ch. 3, 7
F 9/12	Acoelomates Lab III: Acoelomates (Quiz 2 on Lab II)	HRL, Ch. 3, 8 TSC, Ch. 3 & 4
M 9/15	Video: Pseudocoelomates	HRL, Ch. 3, 9
F 9/19	Pseudocoelomates Lab IV: Pseudocoelomates (Quiz 3 on Lab III)	HRL, Ch. 3, 9 TSC, Ch. 5
M 9/22	Video: Annelida	HRL, Ch. 3, 11
F 9/26	Annelida Lab V: Annelida (Quiz 4 on Lab IV)	HRL, Ch. 3, 11 TSC, Ch. 6
M 9/29	Slide Review for Midterm Practical Exam (BIO 208). Q & A for Midterm Lecture Exam.	
F 10/3	Arthropoda I Lab VI: Arthropoda I (Crustacea & Chelicerata) (Quiz 5 on Lab V)	HRL, Ch. 3, 12 TSC, Ch. 7
M 10/6	<b>Review for Lab Practical Exam in CON 239. You must sign up for the review period you wish to attend.</b>	
W 10/8	<b>Midterm Practical Exam (Covers Labs I-VI) in CON 239. You must sign up for the exam period you wish to attend.</b>	
F 10/10	<b>Midterm Lecture Exam (covers Porifera-Arthropoda I) in CON 239.</b> No lab.	
M 10/13	Video: Arthropoda	HRL, Ch. 3, 12
F 10/17	Arthropoda II (Insects) Lab VII: Arthropoda II (Insects) (NO QUIZ)	HRL, Ch. 3, 12 TSC, Ch. 8 & Appendix C
M 10/20	Video: Mollusca	HRL, Ch. 3, 10
F 10/24	Mollusca Lab VIII: Mollusca (Quiz 6 on Lab VII)	HRL, Ch. 3, 10 TSC, Ch. 9 & Appendix D

M	10/27	Video: Echinodermata	HRL, Ch. 13, 14
F	10/31	Bryozoa & Echinodermata Lab IX: Bryozoa & Echinodermata (Quiz 7 on Lab VIII)	HRL, Ch. 3, 13, 14 TSC, Ch. 10 & 11
M	11/3	Video: Chordata	HRL, Ch. 3, 14-20
F	11/7	Chordata Lab X: Chordata (Quiz 8 on Lab IX)	HRL, Ch. 3, 14-20 TSC, Ch. 12 & 13
M	11/10	<b>No class</b>	
F	11/14	Evolution and Classification No lab.	HRL, Ch. 1-4
M	11/17	<b>No class</b>	
F	11/21	Protista Lab XI: Protista (Quiz 9 on Lab X & Quiz 10 on Protist Drawings)	HRL, Ch. 4, 5 TSC, Ch. 14
M	11/24	Slide Review for Final Practical Exam (BIO 208).	
F	11/28	<b>Thanksgiving Holiday- No class</b>	
M	12/1	<b>Review for Final Practical Exam in CON 239. You must sign up for the review period you wish to attend.</b>	
W	12/3	<b>Lab Final Lab Practical Exam in CON 239. This exam will be comprehensive, covering the entire course (with slight emphasis on material covered in Labs VII-XI). You must take this exam only during the time for which you signed up.</b>	
F	12/5	Review for Final Lecture Exam in CON 239. No lab.	
R	12/11	<b>Final Lecture Exam in BIO 208 10:00-12:00.</b>	



Grades will be determined as follows (plus/minus grades will not be used this semester):

5% Video quizzes	25% Weekly Lab Quizzes
15% Midterm Practical Exam	15% Final Practical Exam
15% Midterm Lecture Exam	20% Final Lecture Exam
5% Laboratory notebook, attendance and participation	

The following equipment is available at the FSU Bookstore and Bill's Bookstore. If you wish to wear gloves for dissections, they may be purchased at FSU Bookstore and at most drugstores. You will need the following laboratory equipment for BSC 2011L:  
drawing notebook (bound), 1 blade, 1 scalpel, 1 pair small (Iris) scissors, 1 dissection needle, 1 pair fine (splinter) forceps

The topics listed in this outline should serve as the course objectives for the course.

Attendance at lectures is expected.

You must attend all labs. **There are no make-up labs or make-up quizzes.** Laboratories will meet during the first week of classes. You must attend your scheduled lab in order to retain your place. Add/Drop will be conducted in the individual labs. A lab fee of \$13.00 will be assessed at fee payment.

Laboratory practical reviews and exams are scheduled in 2-hour blocks throughout the day and night on Monday 06 October & 01 December (Practical Reviews) & Wednesday, 08 October & 03 December (Practical Exams). You should arrange your work schedule so that you will have time to take the exam. There are no regular labs the weeks of practicals.

**PLEASE NOTE:** It is extremely important that each of you keeps up with the course material on a regular basis. Each week we will be dealing with one or more new phyla, each with its own peculiar brand of terminology. Studying animal diversity is a lot like learning a foreign language. It is necessary to learn not only the vocabulary, but the correct plurals for each word, how the words are used and, of course, the correct meaning of each new word or term. Past experience has shown that those who are able to stay on top of the course material on a daily or weekly basis are those who do the best in this course.

This document and all others produced for this course are available upon request in alternate formats for individuals with print-related disabilities. Contact Matt Schrader for more information.