**BSC 2011L**
**ANIMAL DIVERSITY**

**Lecture and Videos:**
- 275 FLH; TR, 6:00-7:15p.m.
- Lab: 239 CON

**Required Texts:**
- *An Introduction to Animal Diversity*, 5th edition by Tschinkel, et. al.
- BSC 2011L Course Notes (purchase at Target Copy, 635 W. Tennessee St.)

**Optional text:**
- *A Guide to Biology Lab*, by Thomas Rust

#s in boxes correspond to the weeks when labs are held and DO NOT correspond to chapters in the lab manual. Weeks of exams, or when no labs take place, are not numbered.

### Date | Lecture and Lab Topics | Weekly Lab Quizzes | Assigned Readings
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T 5/09 | Lecture: Introduction to Course - Lecture and Lab (275 FLH) & Lecture on Porifera |  | HRKLE, Ch. 1 (p 1-25, 28-32), 2, 3, & 6
1 | 1st Lab: Introduction (239 CON) & Use of the Microscope, Porifera & Cnidaria |  | Tschinkel, Ch. 1 & 2 and Appendices A & B
R 5/11 | Lecture: Cnidaria (275 FLH) |  | HRKLE, Ch. 3 (p 53-63), Ch. 7
T 5/16 | Lecture: Animal Classification & Phylogeny -1 & Platyhelminthes & Nemertina (Nemertea) | Quiz 1 on 1st lab | HRKLE, Ch. 3 (p 53-63), 4 (p 83-86), & 8
2 | 2nd Lab: Acoelomates: Platyhelminthes & Nemertina Tschinkel, Ch. 3 & 4 |  |  
R 5/18 | Shape of Life Video-Platyhelminthes |  |  
T 5/23 | Lecture: Animal Classification & Phylogeny -2 & Pseudocoelomates |  | HRKLE, Ch. 3 (p 53-63), 4 (p 83-86), & 9
3 | 3rd Lab: Pseudocoelomates Quiz 2 on 2nd lab |  | Tschinkel, Ch. 5
R 5/25 | Shape of Life Video- Porifera/Cnidaria (275 FLH) |  |  
T 5/30 | Lecture: Animal Classification & Phylogeny -3 & Annelida | Quiz 3 on 3rd lab | HRKLE, Ch. 3 (p 53-63), 4 (p 83-86), & 11
4 | 4th Lab: Annelida Tschinkel, Ch. 6 |  |  
R 6/01 | Shape of Life Video-annelida |  |  
T 6/06 | Lecture: Arthropoda 1 (Crustacea) |  | HRKLE, Ch. 12 (p 219-222, 228-236)
5 | 5th Lab: Arthropoda 1 (Crustacea & Chelicerata) Quiz 4 on 4th lab |  | Tschinkel, Ch. 7
R 6/08 | Lecture: Animal Classification & Phylogeny -4 & Arthropoda 2 (Chelicerata) |  | HRKLE, Ch. 12, (p 222-228), 4 (p 83-86),
M 6/12 | Review for Lab Practical Exam Review The review is held in the lab. (239 CON) |  | No labs this week.
T 6/13 | Review for Midterm Lecture Exam 275 FLH - during the regularly scheduled lecture period. |  | Sign up for the lab practical review session you wish to attend.
### W 6/14
**Midterm Practical Exam (Covering Labs 1-5 only)**
Exam is held in the lab. (239 CON)

No labs this week.

Sign up for the lab practical exam session you wish to attend.

You must take this exam only during the time for which you signed up.

### R 6/15
**Midterm Lecture Exam**
275 FLH - during the regularly scheduled lecture period.
It will cover the Porifera through the Arthropoda 2 (Chelicerata) lectures

### T 6/20
Lecture: Arthropoda 3 (Uniramia: Myriapoda & Hexapoda: Insecta)
HRKLE, Ch. 12 (p 236-258)

6th lab: Arthropoda II (Insecta)
Quiz 5 on 5th lab
Tschinkel, Ch. 8 and Appendix C

### R 6/22
Shape of Life Video-Arthropoda

### T 6/27
Lecture: Mollusca
HRKLE, Ch. 10

7th lab: Mollusca
Quiz 6 on 6th lab
Tschinkel, Ch. 9 and Appendix D

### R 6/29
Shape of Life Video-Mollusca

### T 7/04
Holiday - Independence Day
No lecture
No labs this week

### R 7/06
Shape of Life Video-Echinodermata

### T 7/11
Lecture: Lophophorates & Echinodermata
HRKLE, Ch. 13 & 14

8th Lab: Bryozoa & Echinodermata
Quiz 7 on 7th lab
Tschinkel, Ch. 10 & 11

### R 7/13
Lecture: Some Evolutionary Trends in Vertebrates
Shape of Life Video - Chordata

### T 7/18
Lecture: Protochordata & Chordata
HRKLE, Ch. 15-20

9th lab: Chordata
Quiz 8 on 8th lab
Tschinkel, Ch. 12 & 13

### R 7/20
Lecture: Protozoa
HRKLE, Ch. 5

### T 7/25
Review for Final Lecture Exam
275 FLH - during the regularly scheduled lecture period.

10th lab: Protozoa
Quiz 9 on 9th lab
Tschinkel, Ch. 14

Quiz 10 = Protozoa Lab Drawings

### R 7/27
Slide Review for Final Practical Exam
275 FLH - during the regularly scheduled lecture period.

### M 7/31
Review for Final Practical Exam in the lab
The review is held in the lab. (239 CON)

No more labs.

Sign up for the lab practical review session you wish to attend.

### T 8/01
Lecture Final Exam
275 FLH - during the regularly scheduled lecture period.
This exam will be comprehensive, covering the entire course,
with a slight emphasis on the material since the last lecture exam.

### W 8/02
Lab Final Practical Exam
The exam is held in the lab. (239 CON)
This exam will be comprehensive, covering the entire course.

Sign up for the lab practical exam session you wish to attend.

You must take this exam only during the time for which you signed up.

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**Note:** This is a 13 week course, with 10 lab classes. There are no labs during the weeks that you take midterm and final exams, nor any labs for the week of July 4th. Students are responsible for following this schedule and not assuming that we will have any other closures, unless specified by our department.
You will need the following laboratory equipment for BSC 2011L:

drawing notebook 1 scalpel 1 pair fine (splinter) forceps
1 pair small (Iris) scissors 2 blades 1 dissection needle

Kits with the above equipment are 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.

**Grades will be determined as follows:**

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<th></th>
<th>Points</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>TA Evaluation</td>
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<td>Notebooks</td>
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<tr>
<td>Weekly Lab Quizzes</td>
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<td>Midterm Practical Exam</td>
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- Extra Credit Points: Up to 18 weekly extra credit lecture quizzes for up to a maximum of 9 extra credit points
- Plus/Minus grades will not be used this semester.
- All examinations are comprehensive.
- You must attend all labs. There are no make-up labs or make-up quizzes

**PLEASE NOTE:**

- It is extremely important that students keep up with the course material on a regular basis. 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.

- Each week we will be dealing with one or more new phyla, each with its own peculiar brand of terminology. Studying animal diversity is like learning a foreign language: It is necessary to learn not only the vocabulary, but also the correct plurals for each word, how the words are used and, of course, the correct meaning of each new word or term.

- This document and all others produced for this course are available upon request in alternate formats for individuals with print-related disabilities. Contact Dr. Mariscal at 644-1569 for more information.

**Academic Honor Code**

Students must understand and uphold the Academic Honor Code, published in the Florida State University General Bulletin and in the Student Handbook. The Academic Honor System of The Florida State University is based on the premise that each student has the responsibility (1) uphold the highest standards of academic integrity in the student’s own work, (2) to refuse to tolerate violations of academic integrity in the university’s community, and (3) foster a high sense of integrity and social responsibility on the part of the university community.

Please see the following web site for a complete explanation of the Academic Honor Code.

http://www.fsu.edu/Books/Student-Handbook/codes/honor.html
http://www.fsu.edu/Books/Student-Handbook/

**Americans with Disabilities Act**

Florida State University provides high-quality services to student with disabilities, and we encourage you to take advantage of them. Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center (SRDC); 2) bring a letter from SRDC to the instructor (or Coordinator) indicating the need for accommodation and what type. This should be done during the first week of class. For more information about services available to FSU students with disabilities, contact the

**Student Disability Resource Center**

97 Woodward Avenue, South
Florida State University
Tallahassee, FL 32306-4167
(850) 644-9577 (voice)
(850) 644-8504 (TDD)
srdc@admin.fsu.edu
http://www.fsu.edu/~staffair/dean/StudentDisability/