**Professor:** Dr. Gavin Naylor  
150A Dirac Science Library  
645-0314 (12:30-1:30PM T)  
naylor@csit.fsu.edu

**BSC 2011L**  
**ANIMAL DIVERSITY**  
**Fall 2005**

Lecture and Videos:  
275 FLH; T/R  
11:00A.M.-12:15P.M.  
Lab: 239 CON  
(Times as individually scheduled)

**Lab Coordinator:**  
Jean Hancock  
241 CON  
644-9839 (8:00A.M.-5:00P.M.)  
hancock@bio.fsu.edu

**Honcho:** Tim Swain  
swain@bio.fsu.edu

**Teaching Assistants:**  
Alison Bauer  
abauer@bio.fsu.edu

Brendan Biggs  
biggs@bio.fsu.edu

Brian Hollis  
bhollis@bio.fsu.edu

Nathaniel Jue  
jue@bio.fsu.edu

Sarah Tso  
tso@bio.fsu.edu

**Required Texts:**  
*An Introduction to Animal Diversity*, 5th edition by Tschinkel, et. al.  
BSC 2011L Lecture course notes to be posted on course web site:  
http://bio.fsu.edu/~bsc2011L/

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

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**Date** | **Lecture and Lab Topics** | **Weekly lab Quizzes** | **Assigned Readings**
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T 08/30 | Lecture: Introduction to Course - Lecture and Lab (275 FLH)  
**Lab 0:** Use of the Microscope (239 CON)  
Official Drop/Add | HRL, Ch. 1 (pp 1-24, 28-32), 2, 3, & 4  
Tschinkel, Appendix A & B

R 09/01 | Lecture: Lecture Overview (275 FLH)

T 09/06 | Lecture: **Porifera**  
**Lab I:** Porifera  
**No Quiz** | HRL, Ch 6 (pp 105-115)  
Tschinkel, Ch. 1, & Appendices A & B

R 09/08 | Shape of Life Video - Porifera (275 FLH)

T 09/13 | Lecture: **Cnidaria** (275 FLH)  
**Lab II:** Cnidaria (239 CON)  
**Quiz 1 on Lab I** | HRL, Ch. 3 (pp 59-66), Ch. 7;  
Tschinkel, Ch. 2

R 09/15 | Shape of Life Video - Cnidaria (275 FLH)

T 09/20 | Lecture: **Acoelomates: Platyhelminthes & Nemertina (Nemertea)**  
**Lab III:** Acoelomates:  
**Quiz 2 on Lab II** | HRL, Ch. 3 (59-66), 4, 8;  
Tschinkel, Ch. 3 & 4

R 09/22 | Shape of Life Video - Platyhelminthes

T 09/27 | Lecture: **Pseudocoelomates**  
**Lab IV:** Pseudocoelomates  
**Quiz 3 on Lab III** | HRL, Ch. 3 (59-66), 4 (80-82), 9;  
Tschinkel, Ch. 5

R 09/29 | Lecture: Course Information

T 10/04 | Lecture: **Annelida**  
**Lab V:** Annelida  
**Quiz 4 on Lab IV** | HRL, Ch. 3. (59-66), 4 (80-82), 11;  
Tschinkel, Ch. 6

R 10/06 | Shape of Life Video - Annelida

T 10/11 | Lecture: **Arthropoda I (Chelicerata & Crustacea)**  
**Lab VI:** Arthropoda I  
**Quiz 5 on Lab V** | HRL, Ch. 12 (212-228)  
Tschinkel, Ch. 7

R 10/13 | Slide Review for Midterm Practical Exam  
275 FLH - during regularly scheduled lecture period.

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No labs next week!
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<th>Date</th>
<th>Event</th>
<th>Details</th>
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| **M 10/17** | Review for Lab Practical Exam | No labs this week.  
The review is held in the lab. (239 CON)  
Sign up for the review session you wish to attend. |
| **T 10/18** | Shape of Life Video - Arthropoda | No labs this week. |
| **W 10/19** | Midterm Practical Exam (Covering Labs I-VI only) | No labs this week.  
Exam is held in the lab. (239 CON)  
Sign up for the exam session you wish to attend.  
You must take this exam only during the time for which you signed up. |
| **R 10/20** | Review for Midterm Lecture Exam | No labs this week.  
275 FLH - during the regularly scheduled lecture period. |
| **T 10/25** | Midterm Lecture Exam | No labs this week.  
275 FLH - during the regularly scheduled lecture period (covering Porifera - Arthropoda II lectures.)  
Lab VII: Arthropoda II (Uniramia)  
Quiz 6 on Lab VI  
Tschinkel, Ch. 8 and Appendix C |
| **R 10/27** | Lecture: Arthropoda II (Uniramia) | HRL, Ch. 12 (228-252) |
| **T 11/01** | Lecture: Mollusca | HRL, Ch. 10;  
Lab VIII: Mollusca  
Quiz 7 on Lab VII  
Tschinkel, Ch. 9 and Appendix D |
| **R 11/03** | Shape of Life Video - Mollusca | |
| **T 11/08** | Lecture: Lophophorates & Echinodermata | HRL, Ch. 13, 14;  
Lab IX: Bryozoa & Echinodermata  
Quiz 8 on Lab VIII  
Tschinkel, Ch. 10 & 11 |
| **R 11/10** | Shape of Life Video - Echinodermata | |
| **T 11/15** | Lecture: Protochordata & Chordata | HRL, Ch. 15-20;  
Lab X: Chordata  
Quiz 9 on Lab IX  
Tschinkel, Ch. 12 & 13 |
| **R 11/17** | Shape of Life Video - Chordata | |
| **T 11/22** | To be announced | |
| **R 11/24** | No class Thanksgiving Day Holiday | |
| **T 11/29** | Lecture: Protozoa | HRL, Ch. 5;  
Lab XI: Protozoa  
Quiz 10 on Lab X;  
Quiz 11 = Protista/Protozoa Lab Drawings  
Tschinkel, Ch. 14 |
| **R 12/01** | Slide Review for Final Practical Exam | No labs next week!  
275 FLH - during the regularly scheduled lecture period. |
| **M 12/05** | Review for Final Practical Exam in the lab | No labs this week.  
The review is held in the lab. (239 CON)  
Sign up for the review period you wish to attend. |
| **T 12/06** | Review for Final Lecture Exam | No labs this week.  
275 FLH - during the regularly scheduled lecture period. |
| **W 12/07** | Lab Final Practical Exam (covering labs I-XI) | No labs this week.  
The exam is held in the lab. (239 CON)  
You must take this exam only during the time for which you signed up. |
| **R 12/08** | To be announced | |
| **W 12/14** | Lecture Final Exam 12:30-2:30P.M. (275 FLH) | University Finals Exam Week  
This exam will be comprehensive, (covering the entire course,  
with a slight emphasis on the material since the last lecture exam.) |
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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<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>TA Evaluation</td>
<td>5%</td>
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<tr>
<td>Midterm Lecture Exam</td>
<td>15%</td>
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<tr>
<td>Extra Credit</td>
<td>4%</td>
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<tr>
<td>Notebooks (See back)</td>
<td>5%</td>
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<tr>
<td>Final Practical Exam</td>
<td>20%</td>
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<tr>
<td>Weekly Lab Quizzes</td>
<td>20%</td>
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<tr>
<td>Final Lecture Exam</td>
<td>20%</td>
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<tr>
<td>Midterm Practical Exam</td>
<td>15%</td>
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<tr>
<td><strong>Totals</strong></td>
<td><strong>100%</strong></td>
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- Students may earn up to 4% in extra credit points – taken from random quizzes administered in the T/R lecture periods.
- 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. Students missing a lab or exam MUST see the Coordinator or Professor with documentation.

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. Naylor 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 srdc@admin.fsu.edu
97 Woodward Avenue, South http://www.fsu.edu/~staffair/dean/StudentDisability/
Florida State University (850) 644-8504 (TDD)
Tallahassee, FL 32306-4167 (850) 644-9577 9voice)