

Professor:

Dr. Walter Tschinkel
 203 Bio Unit 1
 644-4489
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 Office Hours by Appt.

**BSC 2011L
 ANIMAL DIVERSITY
 Spring 2006**

<http://bio.fsu.edu/~bsc2011L/>

Lecture: 255 FLH

T/R; 11:00A.M.-12:15P.M.

Lab: 239 CON

(Times as individually scheduled)

The 'Shapes of Life' videos will be shown every week in 242 CON, M 12:00noon.-1:00P.M.

Lab Coordinator:

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

**Honcho:
 Teaching
 Assistants:**

Pete Bouwma bouwma@bio.fsu.edu
 Brendan Biggs biggs@bio.fsu.edu
 Donald Griffin dgriffin@bio.fsu.edu
 De'Nise McKee mckee@neuro.fsu.edu
 Tim Swain swain@bio.fsu.edu

Required Texts:

An Introduction to Animal Diversity, 5th edition by Tschinkel, *et. al.*

Animal Diversity, by Hickman, Roberts & Larson, 3rd edition (HRL)

All supplemental material and course lecture notes will be posted on Blackboard.

Optional text:

A Guide to Biology Lab, by Thomas Rust

Date	Lecture and Lab Topics	Weekly lab Quizzes	Assigned Readings
T 01/10	Lecture: Introduction to Course - Lecture and Lab (255 FLH) Official Drop/Add Lab 0: Use of the Microscope (239 CON)		HRL, Ch. 1 (1-24, 28-32), 2, 3, & 4 Tschinkel, Appendix A & B
R 01/12	Lecture: Introduction contd. & Porifera 1 (255 FLH)		HRL, Ch. 6 (105-115)
T 01/17	Lecture: Porifera contd. (255 FLH) Lab I: Porifera (239 CON)	No Lab Quiz	Tschinkel, Ch. 1, & Appendices A & B
R 01/19	Lecture: Cnidaria (255 FLH)		HRL, Ch. 3 (59-66), & 7
T 01/24	Lecture: Cnidaria contd. Lab II: Cnidaria	Quiz 1 on Lab I	Tschinkel, Ch. 2
R 01/26	Lecture: Acoelomates: Platyhelminthes & Nemertina (Nemertea)		HRL, Ch. 3 (59-66), 4 , & 8
T 01/31	Lecture: Acoelomates contd. Lab III: Acoelomates	Quiz 2 on Lab II	Tschinkel, Ch. 3 & 4
R 02/02	Lecture: Pseudocoelomates		HRL, Ch. 3 (59-66), 4 (80-82), & 9
T 02/07	Lecture: Pseudocoelomates contd. Lab IV: Pseudocoelomates	Quiz 3 on Lab III	Tschinkel, Ch. 5
R 02/09	Lecture: Annelida		HRL, Ch. 3 (59-66), 4 (80-82), & 11
T 02/14	Lecture: Annelida Lab V: Annelida	Quiz 4 on Lab IV	Tschinkel, Ch. 6
R 02/16	Lecture: Arthropoda I (Chelicerata & Crustacea)		HRL, Ch. 12 (212-228)
T 02/21	Lecture: Arthropoda I contd. Lab VI: Arthropoda I	Quiz 5 on Lab V	Tschinkel, Ch. 7
R 02/23	Slide Review for Midterm Practical Exam 255 FLH - during regularly scheduled lecture period.		No labs <u>next</u> week!

M	02/27	Review for Lab Practical Exam The review is held in the lab. (239 CON)	No labs this week. Sign up for a review session.
T	02/28	Lecture: Lecture Exam Review	No labs this week.
W	03/01	Midterm Practical Exam (Covering Labs I-VI only) Exam is held in the lab. (239 CON) You must take this exam only during the time for which you signed up	No labs this week. Sign up for an exam session.
R	03/02	Midterm Lecture Exam (Covering Porifera - Arthropoda I lectures.) 255 FLH - during the regularly scheduled lecture period	No labs this week.

M-F 03/06-03/10 Spring Break - No Classes

T	03/14	Lecture: Arthropoda II (Uniramia) Lab VII: Arthropoda II (Uniramia)	Quiz 6 on Lab VI	HRL, Ch. 12 (228-252) Tschinkel, Ch. 8 and Appendix C
R	03/16	Lecture: Arthropoda II contd. & Mollusca		HRL, Ch. 10
T	03/21	Lecture: Mollusca contd. Lab VIII: Mollusca	Quiz 7 on Lab VII	Tschinkel, Ch. 9 and Appendix D
R	03/23	Lecture: Lophophorates & Echinodermata		HRL, Ch. 13, & 14
T	03/28	Lecture: Lophophorates & Echinodermata contd. Lab IX: Bryozoa & Echinodermata	Quiz 8 on Lab VIII	Tschinkel, Ch. 10 & 11
R	03/30	Lecture: Protochordata & Chordata		HRL, Ch. 15-20
T	04/04	Lecture: Protochordata & Chordata contd. Lab X: Chordata	Quiz 9 on Lab IX	Tschinkel, Ch. 12 & 13
R	04/06	Lecture: Protozoa		HRL, Ch. 5
T	04/11	Lecture: Protozoa contd. Lab XI: Protozoa	Quiz 10 on Lab X; Quiz 11 = Hand-in Protista/Protozoa Lab Drawings	Tschinkel, Ch. 14
R	04/13	Slide Review for Final Practical Exam 255 FLH - during the regularly scheduled lecture period.		No labs <u>next</u> week!
M	04/17	Lab Review for Final Practical Exam The review is held in the lab. (239 CON)		No labs this week. Sign up for a review session.
T	04/18	Lecture: Evolution of Life on Earth		No labs this week.
W	04/19	Lab Final Practical Exam (covering labs I-XI) The exam is held in the lab. (239 CON) You must take this exam only during the time for which you signed up.		No labs this week. Sign up for an exam session.
R	04/20	Review for Final Lecture Exam 255 FLH - during the regularly scheduled lecture period.		No labs this week.
M	04/24	Lecture Final Exam 5:30-7:30P.M. (255 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.) Any further details will be posted on Blackboard or the course web site.				

Copies of this syllabus will be posted on the home page of the course web site:

<http://bio.fsu.edu/~bsc2011L/>

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:

TA Evaluation	5%	Midterm Lecture Exam	15%
Notebooks (See back)	5%	Final Practical Exam	15%
Weekly Lab Quizzes	25%	Final Lecture Exam	20%
Midterm Practical Exam	15%	Total	100%

- Lab attendance is mandatory. There are no make-up labs or make-up quizzes. Students missing a lab or exam **MUST** see the Coordinator or Professor with documentation.
- Attendance at lectures is strongly recommended.
- Plus/Minus grades will not be used this semester.
- All examinations are comprehensive.

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. Tschinkel 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

srdc@admin.fsu.edu

<http://www.fsu.edu/~staffair/dean/StudentDisability/>

(850) 644-8504 (TDD)

(850) 644-9577 (voice)