BZ 212 – Fall, 2015

Dr. Janice Moore  
Email: Janice.Moore@ColoState.Edu  
442 Anatomy/Zoology, East  
Office Hours: by appointment  

NB: Please use email to make appointments or ask questions. This is by far the most convenient way for you to communicate with me.

Teaching assistants: Dale Broder, Ryan Paul, Ashley Shaw and Andrea Sternenberger

Please consult Dr. Moore or a teaching assistant if you have any questions! Email contact will be the easiest and most efficient. We’d like to help you and we appreciate your comments, but we can’t read your mind—so talk to us!

Text: Biology of the Invertebrates 7e, J. Pechenik  
Bugs in the System, M. R. Berenbaum (selections on reserve and in lab during office hours)

Course objectives: This course will introduce you to all animals, with the exception of five classes of vertebrates. The emphasis will be evolution, form and function. At the end of this course, you will be familiar with animals that most folks never dream of, and you will have a context in which to place all advanced animal studies.

Grading: Final grades will be determined by the distribution of the total scores for the course. Ninety percent of total points will definitely be an A, 80% guarantees a B, etc., but such cut-off points may be lower, depending on overall class performance (i.e., the “curve”). Total points: 600 (lecture) + 200 (laboratory). Note that performance in laboratory and on lecture exams will be important in determining your final grade.
Lecture scores:

<table>
<thead>
<tr>
<th>Exam 1 (September 17)</th>
<th>150 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 2 (October 22)</td>
<td>150 points</td>
</tr>
<tr>
<td>Exam 3 (November 19)</td>
<td>150 points</td>
</tr>
<tr>
<td>Final</td>
<td>200 points</td>
</tr>
<tr>
<td>Parasite Project (Dec 1)</td>
<td>50 points</td>
</tr>
<tr>
<td>Invertebrate Collection</td>
<td>50 points</td>
</tr>
</tbody>
</table>

Participation in the Parasite Project and the Invertebrate Collection is mandatory. Your TA will tell you more about what is expected of you in laboratory when you attend your first session, as well as how the points from laboratory will be distributed.

More about Exams: Because of class size, exams will follow multiple choice format. Each exam may cover information from lecture, laboratory, or even the textbook, although lecture material will be emphasized. The bulk of each exam during the term will address material covered since the previous exam; some review of early material may appear, but this will be of a more general nature. The final exam will not only address information covered since the previous exam, but will also have a cumulative section. On exams, you will be expected to demonstrate a mastery of facts, concepts, and analysis/synthesis. We will always be happy to discuss and clarify course material with you, but all review or revision of exam grades must occur within one week of grade posting.

Berenbaum (on reserve and in lab during office hours) is mandatory reading; there will be at least one question from Berenbaum on the final exam. It/They will be general in nature, designed to motivate you to read (and enjoy!) the book, not to memorize details.

Attendance at exams: There are no excused absences from any exam, **BUT** you may drop one of the three 150-point exams. This is your choice, but we advise NOT to do this too early in the semester, as (to repeat) there are no excused absences other than this one dropped score. It may be used for illness, flat tire, or skiing—so use with care!
Attendance at Lectures: MAKE FRIENDS FAST! What if you miss a lecture? Then it’s time to contact a classmate (or two) asap and discover what you have missed. We encourage you to share and discuss our classroom experience with your classmates; recordings are permitted, but recorded material may be shared only with students enrolled in the class. Once you have reviewed material you have missed, if you feel you still have gaps in your understanding, please ask any of us specific questions and we’ll do our best to answer them. Use email and/or make an appointment.

When is the Final Exam? Check out the Registrar’s website at http://registrar.colostate.edu/academic-resources/final-exams/ for your final exam schedule. It will be invaluable as you schedule classes in the future!

Academic Integrity is a serious matter, and we treat it that way. This course will adhere to the CSU Academic Integrity Policy as found in the General Catalog (http://www.conflictresolution.colostate.edu/academic-integrity) and the Student Conduct Code (http://www.conflictresolution.colostate.edu/conduct-code)

At a minimum, violations will result in a grading penalty in the course and a report to the Office of Conflict Resolution and Student Conduct Services.

Academic misconduct includes (but is not limited to) the following behaviors:

1. Cheating—using unauthorized sources of information and providing or receiving unauthorized assistance on academic work
2. Plagiarism—representing the language, ideas or thoughts of another as your own without proper acknowledgement
3. Unauthorized possession or disposition of academic materials
4. Falsification—any verbal or written untruth in academic work
5. Facilitation—knowingly assisting another to commit an act of academic misconduct

See TILT’s Academic Integrity Program website for more information.

REMEMBER, your goal here is to learn about the broad array of animals that share this planet with us, to take some of that knowledge and appreciation forward in your life, and to hone your overall intellectual skill.
Approximate Dates | Topics | Chapter
--- | --- | ---
August 25-27 | Introduction | 1-3
September 1 | Porifera | 4
Sept 3-8 | Radiates | 5-7
Sept 10-15 | Platyhelminthes, Mesozoa | 8-9
Sept 22-24 | Gnathifera, Nemertea. | 10-11
Sept 29-October 6 | Molluscs | 12
October 8-13 | Annelids | 13
Oct 15-November 5 | Arthropods & Relatives | 14-15
November 10 | Nematodes & Relatives | 16-17
November 12 | Phyla of ??? Affiliation | 18
November 17 | Lophophorates | 19
December 3-8 | Echinoderms | 20
December 8-10 | Other Deuterostomes, Conclusions | 21-23