

Biology 112 – General Zoology Lecture
Spring, 2009

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Office hours: M, W, F 10-11a.m.

Textbook: Hickman, C.P. et al. 2008. Integrated Principles of Zoology, 14 ed., McGraw-Hill.

Course purpose: This course is an introduction to the functional systems, physiology, evolution, reproduction, and ecology of animals. Zoology is a vast subject and your goal should be to learn some factual information but, more importantly, to understand how animals act with their environment. Attempt to perceive how an organism looks at its world. What are its unique problems and what adaptations and evolved systems do they possess to solve those problems? I will help guide you to some answers.

Attendance: You are expected to attend lectures. Notetaking is an important skill and most of what you will be asked on an exam will be from your notes. In my experience, if you miss lectures, your exam grade suffers. If you cannot attend a lecture because of sickness or personal reasons, copy the notes from a classmate. Attendance will be taken during every class and having more than three unexcused absences will affect your grade negatively. I understand that there are legitimate reasons for missing class and I will listen to your excuses. However, I do ask that if you know in advance that you cannot attend class (e.g. going to a college-authorized sports event) tell me when you know, not the day after you miss class.

Missed exams: I do not like to give make-up exams, so I expect that you will take every exam on time. If for a legitimate reason you cannot take an exam during its scheduled time, I have to know before the exam or within 24 hours after the exam is given. If I do not receive sufficient notice, you will be subject to a zero grade for the exam.

Academic integrity: I adhere to Moravian's **Academic Honesty Policy** as stated in the student handbook. Read this section carefully and consider its consequences.

Grading: The specific point value of each exam, quiz, or assignment in lecture or laboratory is given on the respective syllabi. For grading purposes, laboratory has a total of 100 points and lecture has a total of 100 points. Therefore, laboratory and lecture each count one-half of your final grade for the course. For example, if you get 80 points in the lecture and 90 points in the laboratory, your final grade will be an 85.

Lecture grading:

4 exams @ 20% each	= 80 point
1 final exam	= 20 points
Total	+ 100 points

LECTURE SCHEDULE
BIOLOGY 112 – GENERAL ZOOLOGY

Dr. D. Hosier

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<u>Date</u>	<u>Subject</u>	<u>Reading</u>
Jan. 19	Introduction – Classification and Speciation	pp.199-208; 212-214;500
21	Protozoan Groups	Chap. 11
23	Protozoan Groups	Chap. 11
26	Radiate Animals – Cnidaria	pp. 260-282
28	Platyhelminthes	290; 292-306
30	Platyhelminthes	290; 292-306
Feb. 2	Ecdysozoans – Nematoda	pp. 384-393
4	<u>EXAMINATION</u>	
6	Mollusca	pp.331-336; 339-356
9	Mollusca and Annelida	pp.339-356; 364-378
11	Annelida	pp.364-378
13	Arthropoda	402-406; 427-430
16	Arthropoda	442-465
18	Vertebrates	Chap. 24
20	Vertebrates	Chap. 25
23	Vertebrates	Chaps. 26 + 27
		pp.612-613; 616-632
25	<u>EXAMINATION</u>	
27	Evolution – film	
Mar. 9	Organic Evolution	pp. 104-126
11	Organic Evolution	pp. 132-135
13	Biological Compounds	pp. 22-28
16	Membranes and Transport	pp. 45-51
18	Support, Protection, and Movement	Chap. 29
20	Support, Protection, and Movement	Chap. 29
23	<u>EXAMINATION</u>	
25	Osmotic Regulation	Chap. 30
27	Excretion	Chap. 30
30	Circulation	Chap. 31
Apr. 1	Circulation	Chap. 31
3	Respiration	Chap. 31
6	Respiration	Chap. 31
8	Immunity	Chap. 35
15	<u>EXAMINATION</u>	
17	Immunity	Chap. 35
20	Digestion and Nutrition	Chap. 32
22	Digestion and Nutrition	Chap. 32
24	Nervous System	Chap. 33
27	Nervous System	Chap. 33
29	Endocrine System	Chap. 34
May 1	Endocrine System	Chap.34