

BIOLOGY III

FALL, 2007

BIO 1143.001 (12122)

MWF, 8:00 - 8:50

HSS 3.02.50

Dr. Craig T. Jordan

August	22	Introduction	
	24	Descent with Modification: A Darwinian View of Life	Chapter 1 (pp. 9-21)
	27		22
	29		
	31		
September	3	Labor Day - No Class	
	5	The Evolution of Populations	23
	7		
	10	The Origin of Species	24 (1176-1178)
	12		
	14		
	17		
	19	Phylogeny and Systematics	25
	21		
	24	Early Earth and the Origin of Life	26
	26	Prokaryotes and the Origins of Metabolic Diversity	27
	28	The Origins of Eukaryotic Diversity	28
October	1	Plant Diversity I: How Plants Colonized Land	29
	3		
	5	Plant Diversity II: The Evolution of Seed Plants	30
	8		
	10	First Exam (Chapters 22-27)	
	12		
	15	Fungi	31
	17	Introduction of Animal Evolution	32
	19	Invertebrates	33
	22		
	24	Vertebrate Evolution and Diversity	34
	26		
	29	An Introduction to Ecology and the Biosphere	50
	31	Behavioral Ecology	51
November	2		
	5		
	7		
	9	Second Exam (Chapters 28-34)	
	12	Population Biology	52
	14		
	16	Community Ecology	53
	19		
	21	Ecosystems	54
	23	Thanksgiving Holiday - No Class	
	26		
	28	Conservation Biology	55
	30		
December	3	READING DAY -- No Class	
	10	Final Exam (8:00 - 10:00; even though we are allotted more time for our final exam, we will complete our exam by 10:00.) (Check your final exam schedule for all your classes. You may find that you have an unmanageable number of finals scheduled for a single day at the end of the semester. If so, make the appropriate adjustments now; do not try to reschedule final exams later. Occasionally the University adjusts its working hours because of inclement weather. If that impacts this course, consult 458-SNOW and the ASAP websites for information.)	

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Office Hours: Monday and Wednesday 10 - 12, 3:30-5:30; Tuesday and Thursday 9:30-11:00 AM, 12:30-7 PM (SB 4.02.40), and by appointment.

Textbook: There is one required textbook for this course: BIOLOGY, by Campbell and Reece (seventh edition). There is also the recommended booklet BIOLOGY III: Sample Exam Questions (2004 edition), a compilation of sample exam questions.

Prerequisites (as published in the current University Catalog): BIO 1113.

Attendance: Attendance is mandatory, but is not recorded. You are responsible for any substantive or procedural (eg. alterations in the exam schedule or reading requirements) information given in class. You are expected to attend all lectures and complete all the assigned readings. In the event you are absent from a class, do not look to the instructor to repeat for you personally what has already been presented to the larger class. When you are in attendance, please refrain from talking or engaging in any other behavior that may be distracting to fellow students while class is in session. Use of audio headsets, PDS's and mobile phones is not permitted in class. Laptop activity must be directly related to activity in this classroom. If you can not conform to these restrictions, you must leave the classroom. Continued enrollment in this class represents your agreement to these

conditions.

Sample Exam Questions: Sample exam questions are on reserve in the library. This is the same material that is available at the book stores for purchase. You are encouraged to review these and use them as representative samples of questions you might encounter as well as a guide for focusing your study efforts.