



<http://www.mhhe.com/hoefnagels>

other than to tell you that it will most likely be provocative, and will require you to think and synthesize concepts learned throughout the semester to answer.

**Breakdown:**

Examinations	4 Topical Exams (10% Each on Sections I-IV)	40%
	Comprehensive Final Exam	40%
Other Factors	Short Assignments and Attendance Rosters	20%
Extra Credit	Homework and Seminar write-ups	10%
	Optional Essay on Exam #4	10%
Total:		<b>120%</b>

**Academic Honesty:** Students are expected to maintain high standards of integrity. The VSU Academic Conduct Code (<http://www.valdosta.edu/judicial/AcademicStudentConductCode.shtml>) is a basic behavioral standard, but everyone in the class is required to read the Biology Department Plagiarism Policy (<http://www.valdosta.edu/biology/documents/biologyplagiarism.doc>) as well. Never copy text or illustrations from a book or Website and represent it as your own — always cite your sources of information. Do not cheat in any manner! Using any type of aid on in-class assignments or exams, other than your own brain, is cheating. Dishonesty will not be tolerated, and any student misconduct will be reported to the Office of the Dean of Students. Evidence of cheating will result in no credit for the assignment or exam, and depending on the case, could result in a failing grade for the entire course.

**Disruptive behavior:** You are adults and are expected to behave as such. I expect everyone to be considerate of their fellow students. Any disruptive behavior that interferes with the teaching of the lecture or disturbs other students or faculty will not be tolerated. This includes cellular

**Course Schedule** (subject to change at the instructor's discretion):

<u>Date</u>	<u>Topic</u>	<u>Reading Assignment</u>
T Jan 11	<b>Section I:</b> The Evolutionary Framework — the nature of science and life What Evolution is, and what it isn't	in-class syllabus & after-class Preface & Chapter 1
Th Jan 13	Natural selection, variation, mutation, population genetics, the neutral theory	Chapter 13
T Jan 18	Speciation, extinction, Tree of Life, primitive, progress and contingency	Chapter 14
Th Jan 20	Seeing evolution — morphology and molecules	Chapter 15
T Jan 25	Phylogenetics — how it all fits together	
Th Jan 27	Origins and deep time — hard to imagine	Chapter 16
T Feb 1	Human evolution — where we came from	
Th Feb 3	Student Success Center presentation — get ready for my exam!	
T Feb 8	<b><u>Section I Exam</u></b>	
Th Feb 10	<b>Section II:</b> Archaea and Bacteria, — the so-called, and misnamed Prokaryotes A hidden, misunderstood world — incredibly different, prevalent, ancient	Chapter 18
T Feb 15	Archaea — Carl Woese's discovery — they're everywhere, including the most extreme places	
Th Feb 17	Bacteria — all different sorts, the most diverse Kingdom of life — a survey of the major phyla	
T Feb 22	Bacterial promiscuity — sexier than you thought; and genomics on a tiny scale	
Th Feb 24	Bad guys — disease, and antibiotic resistance; good guys — working for, and in, us	
T Mar 1	<b><u>Section II Exam</u></b>	
Th Mar 3	Spring Midterm: <u>Last day</u>	

T Apr 26 Human impact on the biosphere  
Th Apr 28 Review and Exam preparation  
T May 3 No class! (official Exam Prep day)  
Th May 5 No class! (other course Final Exams)  
F May 6

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