

History of Life

Geology 360, Fall 2006

Professor: Dr. Gwen M. Daley Office: 213F Phone: 323-4973 E-mail: daleyg@winthrop.edu	Meets: TR 9:30-10:45 am Room: Sims 201 Office Hours: T 11:00-12:30; R 11:00-12:00 Text: Cowen, 2005. History of Life, 4 th edition.
---	---

Prerequisite: One college-level biology or geology course.

Objectives: To survey the first 4 billion years of life on earth and understand how major geological, biological, and extraterrestrial processes affected the biosphere through time.

Date	Lecture Topic (TR)	Cowen, 2005 Readings
8/21	1. Introduction	viii-xii
8/23	2. The fossil and sedimentary record	1-3
8/28	3. Fossil preservation	16-19
8/30	4. Introduction to evolution	33-37
9/4	5. Origin(s) of life	3-12; 19-21
9/6	6. Complex Life	12-14; 22-24; 28-33
9/11	Exam #1	
9/13	7. The Archaen Earth	22-28
9/18	8. The Proterozoic Earth	42-53
9/20	9. Phylogenetics and Cladistics	37-41
9/25	10. The Cambrian Explosion	54-63
9/27	11. The early Paleozoic Earth	84-94
10/2	Exam #2	
10/4	12. Life on land	95-112
10/9	13. The Late Paleozoic Earth	112-123
10/11	14. The Permian/Triassic Extinction	73-82
<i>10/16</i>	<i>No class meeting – Fall Break</i>	
10/18	15. Evolution of the Diapsids I	151-160
10/23	16. Evolution of the Diapsids II	160-173; 181-185
10/25	Exam #3	
	<i>10/30-11/1 No Class Meeting</i>	
11/6	17. Bony fish, birds, flowers and vermin	185-190; 204-227
11/8	18. Dinosaurs I	
11/13	19. The Jurassic Earth	196-211
11/15	20. Dinosaurs II	
11/20	21. The Cretaceous Earth	
<i>11/22</i>	<i>Thanksgiving Break</i>	
11/27	22. The Cretaceous/Tertiary Extinction	229-236
11/30	23. The Paleogene and Neogene Earth	190-193; 238-244; 255-266
12/11	Final Exam (8:00 AM)	

Schedule subject to change

History of Life

Geology 360, Fall 2006

Attendance: Class attendance is *mandatory* and *necessary*.

Grading: Grades in this class will be assigned based on the results of four exams, each worth 25% of the final grade. Like life, material covered on exams will be cumulative. Missed exams can not be made up without either written proof of an emergency or prior arrangement. Please contact your professor as soon as you realize there might be a problem!

Grades will be calculated on a straight scale:

A	90-100
B	80-89
C	70-79
D	60-69
F	<60

This scale may be adjusted downward as determined by the instructor, but the points needed for each grade will never be higher than indicated above (e.g., a student with more than 90 points will always receive a grade of A).

Statement on Cheating: Your grade is based on work you have done for this class. Work submitted for grading to another class may not be “recycled” for this class. Any attempt to submit someone else’s work as your own is plagiarism, and thus cheating. Attempting to use any unauthorized material during exams (including material stored on calculators or other electronic devices) is strictly forbidden, and is cheating. Unethical behavior such as cheating could result in a grade of “F” for the course, and other unpleasant action may also be taken. See your student handbook for more details.

Students with Disabilities Winthrop University is dedicated to providing access to education. If you have a disability and need classroom accommodations, please contact Gena Smith, Coordinator, Services for Students with Disabilities, at 323-3290, as soon as possible. Once you have your professor notification, please tell me so that I am aware of your accommodations well before the first exam.