

GLY/MFC 137: Dinosaurs

Lectures: Tuesday, 7:00 – 9:40 PM, NSC 215

Instructor: Dr. Elisa Bergslien, Natural Sciences Complex 707

Office Hours: Tuesday 3:30 – 4:30pm, Thursday 1 – 2 pm, and by appointment

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(Never shove things under the door, they will disappear)

Textbook:

Required - *Dinosaurs: The Textbook* by Spencer Lucas

Additional reading will be handed out throughout the semester

Coursework: Each week there will be a short quiz to test comprehension of the previous weeks material and weekly readings. If you miss a class you can make up the quiz the next week (i.e. within a week of missing the quiz). There will also be weekly homework sets that will allow hands-on application of the material covered. Homework is due at the beginning of class –ONE WEEK – after it was assigned. Late homework will be penalized 10% each week it is late (up to 50% of the grade – so it is still better late than never). There will be two non-cumulative exams: a mid-term and a final. Each will be composed of multiple choice, fill in the blank and short answer questions based on the material covered during lecture, the readings and the homework.

Field Trip: I am hoping to arrange an extra credit field trip to the Royal Ontario Museum which has an Asian Dinosaur traveling exhibit on display until the end of March. More information about this will be forthcoming.

Grading: Quizzes (20%), Homework (30%), Midterm (25%), and Final (25%).

If you have a diagnosed disability which will make it difficult for you to carry out some portion of the coursework as outlined, or requires some accommodations, please contact me during the first two weeks of class so that arrangements can be made to fit your needs.

Lecture Schedule

DATE	TOPIC	READING
1/22	Introduction Fossils, Sedimentary Environment and Geologic Time	Chapter 1 Chapter 3
1/29	Primer on Dinosaur Skeletons Evolution, Phylogeny and Classification	Appendix Chapter 2
2/5	Life on Land Before Dinosaurs Dinosaurian World	Handout Chapter 10
2/12	Origins of Dinosaurs and their Family Tree Theropoda	Chapter 4 (Handout) Chapter 5
2/19	Sauropodomorpha Ornithopoda	Chapter 6 Chapter 7
2/26	Thyreophora Marginocephalia	Chapter 8 Chapter 9
3/5	MIDTERM	
3/12	Major Non-Dinosaurian Vertebrates of the Mesozoic	Handout
3/19	Origin of Birds	Chapter 14
3/26	<i>Spring Break</i>	
4/2	Dinosaur Trace Fossils	Chapter 11
4/9	Dinosaur Biology and Behavior	Chapter 12
4/16	Hot Blooded or Cold Blooded	Chapter 13
4/23	Dinosaur Extinction	Chapter 15
4/30	Dinosaurs in Popular Culture	Chapter 16
5/7	FINAL – same time and hopefully same room	