



## TENTATIVE COURSE SCHEDULE

Week	Topic	Lab
8/25	General overview of vertebrate evolution Phylogenies Phylogenies / "Protochordates"	Phylogenies
9/1	<b>**Labor Day – no class</b> "Protochordates" Vertebrate development	"Protochordates" Development
9/8	Early fish evolution <b>Exam/quiz 1</b> , Vertebrate adaptations to water Vertebrate adaptations to water	Fish anatomy
9/15	Cartilaginous fishes The rise of bony fishes The rise of bony fishes	<b>**Field Trip**</b> Fish collecting
9/22	Ecology of freshwater fishes Ecology of freshwater fishes Ecology of freshwater fishes	ID of local fishes
9/29	<b>Exam/quiz 2</b> , Living on land Origin of tetrapods Modern amphibians	ID of local fishes
10/6	Modern amphibians Modern amphibians Evolution of amniotes	<b>Lab Practical 1</b> Amphibians
10/13	What is a turtle? Reptiles Reptiles	Amphibians and Reptiles
10/20	<b>Exam/quiz 3</b> , Vertebrates and ectothermy Vertebrates and ectothermy Dinosaurs and the Mesozoic	<b>**Field Trip**</b> Cleveland Metropark Zoo
10/27	The rise of birds Evolution of flight Evolution of flight	Birds
11/3	Bird ecology and behavior Bird ecology and behavior Crocodilia	<b>**Field trip**</b> Bird watching
11/10	<b>Exam/quiz 4</b> , Synapsida and the rise of mammals Synapsida and the rise of mammals Types of mammals	Presentations

11/17	Endothermy and hibernation Endothermy and hibernation Primates	Mammals
11/24	Human evolution <b>**Thanksgiving Break – no class**</b>	<b>**No Lab**</b>
12/1	Human evolution Conservation Conservation	<b>Lab Practical 2</b>

**FINAL EXAM/QUIZ: Monday, December 8<sup>th</sup>, 1:30-3:30 pm**

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“Plagiarism is the intentional or unintentional presentation of someone else's words, ideas or data as one's own work. In the event the faculty member deems the plagiarism is unintentional he/she shall typically require the student to rewrite the assignment. In the event the faculty member believes the plagiarism is willful, the sanctions in this document will apply. If the work of another is used, acknowledgment of the original source must be made through a recognized reference practice, and, if verbatim statements are included, through quotation marks as well. To assure proper crediting, a student will acknowledge the work of others:

1. Whenever one quotes another person's actual words.
2. Whenever one uses another person's idea, opinion or theory, even if it is completely paraphrased in one's own words.
3. Whenever one borrows facts, statistics, or other illustrative materials-unless the information is of such common knowledge so as not to be questioned.”