

**PRE-FIELD COURSE LECTURES**  
**(2 Hours each at Adelphi's Garden City Campus, classroom TBA)**

DATE	TOPIC	HOMEWORK
5/23	Intro to Geology and Paleontology	reading
5/25	Geology of the West	reading + geologic map exercise
5/27	Dinosaur Biology	reading + dinosaur family tree exercise

+ **Independent Study Exercise** to be completed at American Museum of Natural History, Manhattan (due at end of class). Exercise should take about 4 hours to complete.

**FIELD COURSE SCHEDULE (subject to change)**

DATE	ACTIVITY	LECTURE	EXERCISE
Day 1	Travel from Salt Lake City to Hanksville	History of Life	History of Life: visit Museum of the Earth
Day 2	Trip to Capitol Reef	Stratigraphy	Stratigraphic Column
Day 3	Begin Dino Dig at Hanksville	Dinosaurs of Hanksville Quarry	Dinosaur growth exercise
Day 4	Dino Dig at Hanksville	Mapping	Quarry Mapping Exercise
Day 5	Trip to Dinosaur Footprint Site	Ichnology and Behavior	Footprint Speed and Body Size Calculation
Day 6	Trip to Dinosaur Footprint Site	Geology of Late Cretaceous USA	Sea Level and Facies Exercise
Day 7	DAY OFF	—	—
Day 8	Ferron Sandstone	Extinction	Mass Extinctions
Day 9	Canyonlands National Park	Landscape Evolution	Erosion exercise
Day 10	Arches National Park	Evolution & Biogeography	Paleobiogeography
Day 11	Dino Dig at Hanksville	—	Final paper and field notebooks due 8 pm
Day 12	Depart Hanksville for Salt Lake City	—	—