GEO 111IN. Dinosaurs. 3 Credits. (2 Lec) S alternate years, to be offered even years. This course provides an introduction to dinosaur paleontology. Students will learn how hypotheses about extinct animals are formulated and tested, with comparisons to modern sedimentary environments and living animals. Recitation sections allow discussion of current research and hands-on experience with sedimentary rocks and fossils. Field trips provide additional education opportunities.

PREREQUISITE: GEO 521 and consent of instructor. This course builds on participation in ongoing paleontology research. Students acquire greater experience and field techniques acquired from GEO 521 through hands-on participation in on-going paleontology research. Students will gain greater understanding of field data collection and formulation and testing of hypotheses; and advanced knowledge of paleoenvironments and geological processes.

GEO 521. Dinosaur Paleontology. 2 Credits. (2 Lec) S alternate years, to be offered even years. This course provides an introduction to dinosaur paleontology. Students will learn how hypotheses about extinct animals are formulated and tested, with comparisons to modern sedimentary environments and living animals. Recitation sections allow discussion of current research and hands-on experience with sedimentary rocks and fossils. Field trips provide additional education opportunities.

PREREQUISITE: GEO 521 and consent of instructor. This course builds on participation in ongoing paleontology research. Students acquire greater experience and field techniques acquired from GEO 521 through hands-on participation in ongoing paleontology research. Students will gain greater understanding of field data collection and formulation and testing of hypotheses; and advanced knowledge of paleoenvironments and geological processes.

GEO 522. Dino Paleontology II. 2 Credits. Su alternate years, to be offered even years.

PREREQUISITE: GEO 521 and consent of instructor. This course builds on experience and field techniques acquired from GEO 521 through hands-on participation in ongoing paleontology research. Students acquire greater understanding of field data collection and formulation and testing of hypotheses; and advanced knowledge of paleoenvironments and geological processes.