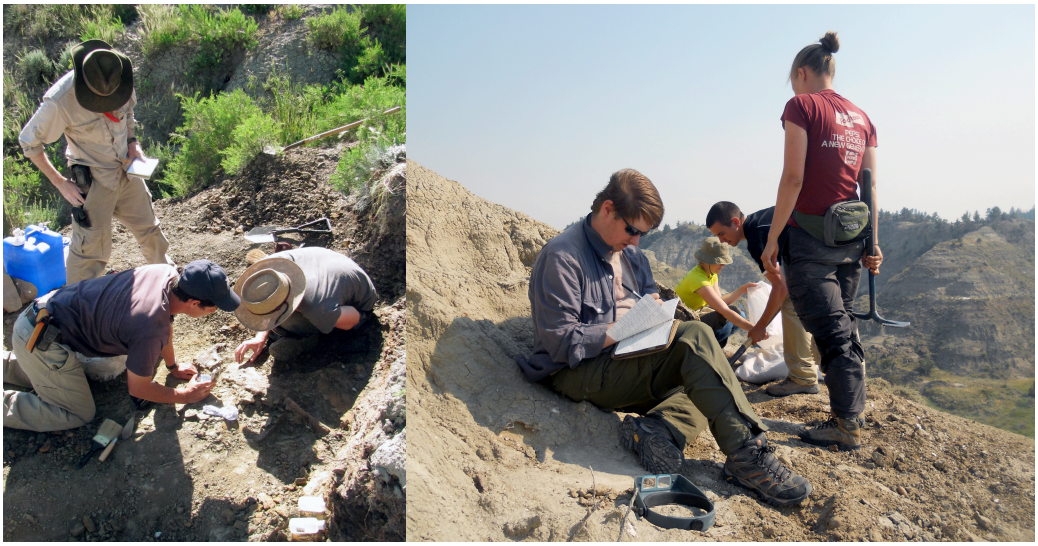
University of Washington
Paleontology Field Methods & Research
(BIOL 475A, 5 credits)

Ever wanted to participate in a real dinosaur dig? Or learn more about their extinction and the rise of mammals?

Check out this amazing course for an incredible summer experience of paleontology fieldwork in Hell Creek, Montana. Get your hands dirty learning the basics of field geology and paleontology, excavating mammal and dinosaur fossils, like *Triceratops*, and analyzing data that contribute to research on the extinction of dinosaurs and the rise of mammals.

A five-week intro to paleontological field methods and research, in which students develop skills in collecting, analyzing, and interpreting field data and designing research projects by participating in ongoing paleontological research on the Cretaceous-Paleogene mass extinction. Topics include excavation of fossils, identification and curation of fossils, collection/interpretation of stratigraphic and taphonomic data, and report writing.

If you are a high-energy, enthusiastic student ready for a summer of hard work and discovery, please contact the instructor! (gpwilson@uw.edu)



Students collect a skeleton of *Triceratops* (L) and excavate a vertebrate microfossil locality (R).

Course Details (June 23 – July 23):

- **Lecture/Lab Component:** Intro lectures on principles in field paleontology, geology, and taphonomy as well as the scientific context of the research. Lab sessions to introduce the fossil vertebrates, curate collected fossil specimens, analyze data, and present final reports.
- **Fieldwork Component:** 2.5 wks (Jun 28-Jul 16) at the Hell Creek State Park in NE Montana learning basic paleontology and geology field techniques, gaining context of ongoing research, and engaging in group research projects.
- **Course fee of $120 and Program fee of $850** cover transportation, meals, lodging, and equipment for fieldwork. **Plus UW Tuition** (http://www.summer.washington.edu/summer/fees/undergrad.asp)
- **More info:** http://faculty.washington.edu/gpwilson/BIO475_Paleo_Field_Methods.htm
- **Entry Code:** contact instructor Greg Wilson (gpwilson@uw.edu) for an entry code.