In this online course, you will take a virtual trip into the badlands of Wyoming and learn to hunt for fossils in some of the world’s richest dinosaur bonebeds. This course focuses on field techniques used during a paleontological expedition, including figuring out where to dig, how to identify a fossil, and how to safely collect and transport it back to the laboratory. Emphasis will also be placed on paleoenvironmental interpretation, in particular the long-lost ecosystems of the Late Cretaceous Lance Formation and the Late Jurassic Morrison Formation. You will learn the basics of dinosaur biology and explore new techniques that are revealing clues to their lives and evolution. Specific topics include: creating a field jacket, quarry mapping, microsite collection, digital scanning, track site interpretation, and shed tooth identification.