

# **Paleontology 101**

## **Course Description**

DVD and lecture.

## **Weekly Layout:**

The Birth of the Solar System and Earth  
History on a Geological Scale

Life Cast in Ancient Stone  
Tools of the Paleontological Trade

How Do You Fossilize Behavior?  
Taxonomy: The Order of Life

Minerals and the Evolving Earth  
Fossil Timekeepers

Fossils and the Shifting Crust  
Our Vast Troves of Microfossils

Ocean Fire and the Origin of Life  
The Ancient Roots of Biodiversity

Arthropod Rule on Planet Earth  
Devonian Death and the Spread of Forests

Life's Greatest Crisis: The Permian  
Life's Slow Recovery after the Permian

Dinosaur Interpretations and Spinosaurus  
Whales: Throwing Away Legs

Insects, Plants and the Rise of Flowers  
The Not-So-Humble Story of Grass

Mammoths, Mastodons and the Quest to Clone

Australia's Megafauna: Komodo Dragons  
The Little People of Flores

The Neanderthal Among Us  
Paleontology and the Future of Earth