

Our students participate in field work and are encouraged to take full advantage of the unique experience of working at the Jean and Ric Edelman Fossil Park of Rowan University, just a few miles from the main campus. World-renowned dinosaur paleontologist and discoverer of the giant sauropod *Dreadnoughtus schrani*, Dr. Kenneth Lacovara serves as dean of the School of Earth & Environment and director of Fossil Park. The Department of Geology is an academic steward of Fossil Park and our faculty conduct research and outreach there. The department is committed to providing students with the opportunity to conduct hands-on geoscience through a variety of courses and research opportunities on site.

Geology faculty excavating a duck-bill dinosaur bonebed in the badlands of South Dakota

Inset: A researcher brushes away manganese greensand to reveal a fish vertebra and a snail fossil in what was an ancient sea floor at Edelman Fossil Park, just a few miles from the University's main campus.

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For registration information:
Office of the Registrar
rowan.edu/registrar

Paleontology at Rowan University

Are you fascinated by dinosaurs? By fossilized life of any kind? At Rowan Geology, we are too! We can help you take your passion for dinosaurs and fossils to the next level, even if you are not a full-time student at Rowan University. A Certificate of Undergraduate Study (CUGS) from Rowan University might be the ticket for you!

The Department of Geology at Rowan is pleased to offer a CUGS in Paleontology Foundations that both matriculated and non-matriculated students may enroll within. This CUGS offers a solid introduction to Earth history and evolution. A wide array of paleontology courses are taught by full-time faculty, with one of the highest number of paleontologists of any faculty in the country.

Our program balances practical skills with current theory while emphasizing the importance of field research. Students are immersed in popular science, debates, and new research frontiers. Current and future citizen scientists, geoscience educators and researchers, and career paleontologists will gain a solid foundation in paleontology. Students can explore their passion for paleontology, the Earth, and deep time as preserved in the rock record within our unique program.

Paleontology elective course list:

GEOL 110	Dinosaurs and Their World
GEOL 111	The Edelman Fossil Park Experience
GEOL 112	Motion of Life
GEOL 210	Invertebrate Paleontology
GEOL 310	Paleontology Laboratory Techniques
GEOL 311	Vertebrate Paleontology
GEOL 312	Dinosaur Paleontology
GEOL 410	Taphonomy
GEOL 411	Paleoecology
GEOL 412	Macroevolution in the Fossil Record
GEOL 413	Paleobiology

Foundations in Paleontology Certificate of Undergraduate Study (CUGS)

This certificate focuses on providing basic training in the core concepts of paleontology with a deeper snapshot into a subfield of the discipline and is open to both matriculated and non-matriculated students. To earn the certificate, students need only complete four courses: GEOL 102 Earth Through Time, either GEOL 210 Invertebrate or GEOL 311 Vertebrate Paleontology, and any two other paleontology course offerings (limit one at the 100 level).

To enroll as a non-matriculated student please visit:

<https://asaforms.rowan.edu/Forms/ActivationFormRequest/>



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