

E & PS 201L

Students will be able to use data obtained from rocks to interpret and write about events in Earth's history.

(Relates to UNM/HED Area III, Competencies 2-5)

Students will be able to explain how the age of Earth and the ages of events in Earth history are determined.

(Relates to UNM/HED Area III, Competency 4)

Students will be able to explain, apply and evaluate the evidence provided by fossils for biological evolution.

(Relates to UNM/HED Area III, Competency 3)

Students will be able to explain how plate tectonics accounts for the major features of Earth's surface (ocean basins, major mountain ranges, positions of continents), and when these features formed.

(Relates to UNM/HED Area III, Competency 3)

Students will be able to explain the natural processes that cause climate change over time scales of millennia, tens of thousands of years, to many tens of millions of years, and put these processes in context with modern climate change influenced by human activities.

(Relates to UNM/HED Area III, Competencies 3 & 5)

Students will be able to explain the processes that control surface and deep ocean circulation patterns and how circulation changes influence the global climate.

(Relates to UNM/HED Area III, Competency 2)