

History and Evolution of the Earth

An exploration of the history and evolution of planet Earth, from the Big Bang to recent climate change events, with an emphasis on the many and disparate timescales over which important Earth processes operate – planetary formation, plate tectonics, the evolution of life, climate change, and sudden events such as earthquakes, volcanoes, meteor impacts, and mass extinctions. The course will set the stage for understanding the origins of the extraordinary geological features of the Seattle area and the Pacific Northwest.



Winter 2023

ESS 103

Tuesday 2:00-3:30 PM
Smith Hall 120 – 1 credit

Instructor: **Dr. Mark Richards**
*Professor of Earth and Space Sciences
University of Washington Provost*



*This is a freshman/sophomore seminar, but all students are welcome! No prerequisites. Grading based on short weekly quizzes on the lecture and discussion materials. No exams.



For more information, or to sign up, scan here.