ARCHIVES OF EARTH: PAST AND FUTURE
EARTH & OCEANOGRAPHIC SCIENCE

EOS 1020 | PROF. EMILY PETERMAN
CLASS MEETS TUESDAYS & THURSDAYS, 2:50 - 4:15 PM

COURSE DESCRIPTION
An introduction to the evolution of Earth and a glimpse into Earth's future. We will examine pivotal moments in Earth's history, from the formation of Earth's moon, to the rise of oxygen, to colliding continents, and the explosion of life on Earth. What differentiates Earth from other rocky planets? What events have shaped the evolution of Earth? What will future Earth look like? What role are we playing in shaping this future world? These questions are explored through readings, discussions, presentations, and writing.

IN THIS COURSE, STUDENTS WILL:

EXPERIMENT WITH DIFFERENT WRITING FORMATS

USE EVIDENCE TO SUPPORT A SCIENTIFIC ARGUMENT

DEVELOP A WRITING WORKFLOW THAT INCORPORATES DRAFTING & REVISION

DISCUSS EVIDENCE ABOUT EARTH'S PAST AND THE IMPLICATIONS FOR OUR FUTURE

PRODUCE A WRITING PORTFOLIO
WRITING ASSIGNMENTS FOCUS ON:

- Writing a literature review
- Identifying gaps in knowledge
- Using figures to communicate
- Evaluating opposing hypotheses
- Identifying future research questions

IN CLASS:
LIVELY DISCUSSIONS +
DATA ANALYSIS +
ACTIVITIES TO PRACTICE THE ART AND SCIENCE OF WRITING

LEARN FROM EARTH'S PAST TO UNDERSTAND THE PRESENT AND PREDICT OUR FUTURE

"I grew a lot as a writer and a student because of this class."

"The assignments tested my knowledge and allowed me to develop my own ideas."

"I would recommend it to any first-year interested in EOS."

"This course challenged me... and I learned so much."

CURIOUS ABOUT THIS COURSE OR THE EOS MAJOR?
Reach out with any questions: epeterma@bowdoin.edu

FORMATION OF THE EARTH
RICHARD BIZLEY