

SCIENCE · 1.0 CREDIT · FULL YEAR

SCI 100 Earth Science with Lab

Students learn science by doing it. Every Abule science course is a lab course that ends with a field or community investigation.

CREDIT	1.0 credit, about 120 hours of work over the year
COUNTS TOWARD	Science (lab)
OPEN TO	By placement
PREREQUISITE	None
HONORS	Honors available
LIVE SESSIONS	Twice a week: one lecture and one lab, held Monday to Thursday within the 9:00 AM–3:00 PM ET school day. Live sessions are recorded for students who can't attend live.

ABOUT THE COURSE

Earth's systems, plate tectonics, rocks and minerals, weather and climate, Earth's place in the universe and natural hazards, using USGS and NASA data labs.

WHAT THE YEAR COVERS

- Earth's systems
- Plate tectonics
- Rocks and minerals
- Weather and climate
- Earth's place in the universe
- Natural hazards

MAJOR WORK

- At least 12 lab activities, including USGS and NASA data labs
- Capstone: a local hazard investigation with a preparedness plan

HOW THE COURSE WORKS

The course runs from March 1, 2027 to February 2028 in Cycles of two to three weeks. Between live sessions, students work through self-paced lessons and assignments on Abule's learning platform.

Courses are graded A–F. AI tools (chatbots and AI writing, translation, problem-solving and image tools) are not allowed on graded work; ordinary tools educators assign, such as spell-check and calculators, are fine.

Questions about this course? Email info@abule.education.