

EARTH SCIENCE

The Earth Science program emphasizes study in Earth Systems Science – a STEM field and an interdisciplinary focus of study that examines our planet’s connected natural systems of the atmosphere, biosphere, cryosphere, geosphere, hydrosphere, pedosphere, and our place in the cosmos. We explore the chemical, physical and biological processes operating at and near Earth’s surface. Earth Science students are well prepared for the workforce or graduate study through an interdisciplinary breadth and depth of study and hands-on training in the field, laboratory, and classroom.

PROGRAMS



DEGREES AND CERTIFICATES

- Bachelor of Science in Earth Science
- Bachelor of Science in Earth Science Teaching (5-12)
- Earth Science Minor
- Geomorphology and Earth Surface Processes Certificate

ABOUT THE PROGRAM

The Earth Science program offers a variety of learning opportunities to prepare students to excel in and out of the classroom. Earth Systems Science is a STEM field that utilizes our understanding of the various interconnected systems on Earth to address major environmental problems of our time.

REAL-WORLD CONNECTIONS



SKILLS AND TALENTS

- Scientific Research
- Communication Skills
- Data Synthesis and Interpretation
- Computer Skills
- Geospatial Technology Skills
- Scientific Methods

CAREERS

- Natural Resource Management
- Meteorologist/Climatologist
- Environmental Scientist/Consultant
- Conservation Scientist
- Educator (Professor/K-12)
- Geomorphologist/Hazards Scientist

EMPLOYERS

- Public Sector/Government Agencies
- Environmental Engineering/Consulting Firms
- Colleges and Universities
- Conservation Organizations
- Public and Private Education

INSPIRED ACTION



EMPLOYMENT RATE

73.7%
of program graduates begin their careers within one year of graduation.

Graduates: 26
Respondents: 21
link.mnsu.edu/graduate-follow-up

MEDIAN SALARY

\$87,480

The median annual wage for Geoscientists in May 2022.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, Geoscientists, at link.mnsu.edu/geoscientists-salary

PROGRAM WEBSITE



hss.mnsu.edu/earth-science

SAMPLE FOUR-YEAR PLAN - EARTH SCIENCE, BS

First Year (Fall)	First Year (Spring)
GEOG 101 Intro to Phys. Geog. (3) AST 101 Intro to Astronomy (3) ENG 101 Foundations of Writing & Rhetoric (4) Gen Ed 5 (3) FYEX 100 First Year Experience	AST 102 Intro to Planets (3) MATH 115 Pre-Calc (4) Gen Ed 11 (2-3) Gen Ed 6 (3)
Second Year (Fall)	Second Year (Spring)
CHEM 201 General Chemistry 1 (5) GEOL 121 Physical Geology (4) Gen Ed 7 (3) Gen Ed 1 pt. B (3+)	GEOL 122 Earth History (4) BIOL 100 Our Natural World (4) Gen Ed 8 (3+) Gen Ed 9 (3+)
Third Year (Fall)	Third Year (Spring)
PHYS 211 Principals of Physics (4) GEOG 315 Geomorphology (3) GEOG 217 Weather (4) GEOG 210W Landscapes and Places (3)	GEOG 373 GIS (4) Gen Ed 5 (3+) Gen Ed 6 (3+) GEOG 416W(4)
Fourth Year (Fall)	Fourth Year (Spring)
GEOG 410 (3) GEOL 201 (4) Elective for Major 1 (3) Other Electives (4+)	Elective for Major 2 (3) Other Electives (10+)

For more information about program requirements, visit:

mnsu.edu/academics/academic-catalog

LEARN MORE

Earth Science

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