EARTH SCIENCE- MINOR

College of Arts and Sciences
Department of Geology
www.kent.edu/geology

Contact Information
- Program Coordinator:
  Daniel Holm
dholm@kent.edu ()
  330-672-2680
- Speak with an Advisor
  - Kent Campus
  - Stark Campus

Fully Offered
- Kent Campus
- Stark Campus

Description
The Earth Science minor prepares students to integrate concepts and knowledge of Earth’s surface, its interior, and its interactions with life and water. Scientific knowledge about Earth processes and earth-life-water interactions is critical for making informed decisions in science education, public policy, public health, conservation, resource management, and environmental consulting. Students will gain essential knowledge of earth systems science, including the interactions of earth’s atmosphere, biosphere, hydrosphere, and lithosphere over both shorter (millennium) and longer (mega-annum) time periods.

Admission Requirements
Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

To declare Earth Science minor, students must have a minimum 2.000 overall Kent State University GPA. No Kent State University GPA is required if the student is a first-semester freshman or transfer student admitted in good standing.

Program Requirements

Minor Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG 41066</td>
<td>GLOBAL CLIMATE CHANGE</td>
<td>3</td>
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<tr>
<td>GEOL 11040</td>
<td>HOW THE EARTH WORKS (KBS)</td>
<td>3</td>
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<tr>
<td>GEOL 33025</td>
<td>WATER AND THE ENVIRONMENT</td>
<td>3</td>
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Minor Electives, choose from the following: ¹

<table>
<thead>
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<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>GEOG 31062</td>
<td>FUNDAMENTALS OF METEOROLOGY</td>
</tr>
<tr>
<td>GEOG 41073</td>
<td>CONSERVATION OF NATURAL RESOURCES</td>
</tr>
<tr>
<td>GEOG 49070</td>
<td>GEOGRAPHIC INFORMATION SCIENCE</td>
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<tr>
<td>GEOL 42030</td>
<td>REMOTE SENSING</td>
</tr>
<tr>
<td>GEOL 44025</td>
<td>GEOLOGIC HAZARDS AND DISASTERS</td>
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¹ Other relevant courses may be substituted in consultation with an adviser.

Graduation Requirements
Minimum Minor GPA 2.000
Minimum Overall GPA 2.000

- Students must complete at least two upper-division (30000 or 40000 level) courses in the minor at Kent State on a graded basis (A-F).
- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

Minimum Total Credit Hours: 15