

GEOLOGY - M.S.

College of Arts and Sciences
Department of Geology
221 McGilvrey Hall
Kent Campus
330-672-2680
geology@kent.edu
www.kent.edu/geology

Description

The Master of Science degree in Geology provides qualified students the opportunity for advanced study in a wide variety of geologic fields. Focus areas include environmental research (water, surface and subsurface processes; geohazards; and natural resources), as well as evolution of earth's systems research (climate change, paleoecology and evolution, crustal processes).

Fully Offered At:

- Kent Campus

Admission Requirements

- Bachelor's degree from an accredited college or university for unconditional admission
- Minimum 3.000 undergraduate GPA on a 4.000 point scale for unconditional admission
- Official transcript(s)
- GRE scores (Effective Spring 2020, GRE scores will no longer be required)
- Goal statement
- Three letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning one of the following:
 - Minimum 550 TOEFL PBT score (paper-based version)
 - Minimum 79 TOEFL IBT score (Internet-based version)
 - Minimum 77 MELAB score
 - Minimum 6.5 IELTS score
 - Minimum 58 PTE score

For more information about graduate admissions, please visit the Graduate Studies admission website. For more information on international admission, visit the Office of Global Education's admission website.

Program Learning Outcomes

Graduates of this program will be able to:

1. Show in-depth comprehension of several areas, including both basic and applied aspects of geology/earth sciences.
2. Formulate testable scientific hypotheses and carry out independent research using appropriate field, experimental, analytical and/or computational methods.

3. Describe, synthesize and interpret the results of a scientific investigation, and understand its broader applications.

Program Requirements

Major Requirements

Code	Title	Credit Hours
Major Requirements		
GEOL 60084	GEOLOGY GRADUATE STUDENT ORIENTATION	1
GEOL 60199	THESIS I ¹	6
Additional Program Requirements ²		25
Minimum Total Credit Hours:		32

- ¹ Upon the completion of the thesis proposal defense, the student registers for 6 credit hours of GEOL 60199. Thereafter, the student must be continuously registered in GEOL 60299 until all degree requirements are met.
- ² Students must complete 9 credit hours at the 60000-level.

Graduation Requirements

- Minimum 3.000 overall GPA
- Participation in required orientation and colloquia
- Accepted and publicly defended thesis that incorporates the results of a program of original geologic research.
- There is no foreign language requirement.
- All students will have a fundamental knowledge and understanding of Earth Materials and a field experience by the end of the second year in the program. This will be fulfilled by:
 1. a lecture and lab course in Earth Materials, related to mineralogy and/or petrology, and
 2. a three-to-five week Field camp or field experience, as determined by the graduate coordinator.