GEOPHYSICS - M.A.

College of Arts and Sciences
Department of Geophysical Sciences
413 McIlvrey Hall
Kent Campus
330-672-2045
gs@kent.edu
www.kent.edu/geography

Description
The Master of Arts degree in Geophysics prepares graduate students for careers in various public and private agencies, in areas such as geophysics, geology, and geoscience, in the academic field, and non-academic jobs in various private and governmental agencies. Students learn geophysical thought, research techniques and topical specialties while preparing to conduct original research.

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)
• Résumé
• GRE scores
• 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 Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOG 69701</td>
<td>RESEARCH AND PRESENTATION OF GEOGRAPHIC DATA</td>
<td>3</td>
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<tr>
<td>Major Electives, choose from the following:</td>
<td>6</td>
<td></td>
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<tr>
<td>GEOG 54070</td>
<td>SPATIAL ANALYSIS AND LOCATION THEORY</td>
<td></td>
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<tr>
<td>GEOG 59070</td>
<td>GEOGRAPHIC INFORMATION SCIENCE</td>
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<tr>
<td>GEOG 59076</td>
<td>SPATIAL PROGRAMMING</td>
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<tr>
<td>GEOG 59080</td>
<td>ADVANCED GEOGRAPHIC INFORMATION SCIENCE</td>
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<tr>
<td>GEOG 59230</td>
<td>REMOTE SENSING</td>
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<tr>
<td>GEOG 69004</td>
<td>QUANTITATIVE METHODS IN GEOGRAPHY</td>
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Additional Program Requirements

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<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG 60996</td>
<td>RESEARCH AND PRESENTATION OF GEOGRAPHIC DATA</td>
<td>3</td>
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<tr>
<td>GEOG 60998</td>
<td>QUANTITATIVE METHODS IN GEOGRAPHY</td>
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Minimum Total Credit Hours: 30

1. Students may elect to write a thesis or two research papers.
2. Students who earned their bachelor's degree at Kent State University and have completed the undergraduate equivalents of any techniques courses required in the master's degree can count them toward the techniques courses requirement. Courses taken at the undergraduate level will not count toward the minimum total credit hour requirement for the master's degree; however, the additional techniques courses will not be required.
3. Maximum 3 credit hours of research (GEOG 60996 or GEOG 60998) may count towards the M.A. degree requirements.