

# GEOGRAPHY - M.S.

College of Arts and Sciences  
Department of Geography  
www.kent.edu/geography

## About This Program

The Master of Science degree in Geography prepares graduate students for careers in both the academic field and non-academic jobs in various private and governmental agencies, such as urban/economic geography, social geography, physical/environmental geography and geographic information technology. Students learn geographic thought, research techniques and topical specialties while preparing to conduct original research.

## Contact Information

- Sarah Smiley | ssmiley8@kent.edu | 330-672-3909
- Connect with an Admissions Counselor

## Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

## Examples of Possible Careers and Salaries\*

### Geographers

- -1.2% decline
- 1,600 number of jobs
- \$85,430 potential earnings

### Geography teachers, postsecondary

- 2.9% slower than the average
- 4,800 number of jobs
- \$82,330 potential earnings

### Surveying and mapping technicians

- 0.7% little or no change
- 58,400 number of jobs
- \$46,200 potential earnings

### Cartographers and photogrammetrists

- 4.5% about as fast as the average
- 12,000 number of jobs
- \$68,380 potential earnings

### Urban and regional planners

- 11.0% much faster than the average
- 39,700 number of jobs
- \$75,950 potential earnings

### Geoscientists, except hydrologists and geographers

- 4.9% about as fast as the average
- 31,800 number of jobs
- \$93,580 potential earnings

### Atmospheric and space scientists

- 6.4% faster than the average
- 9,900 number of jobs
- \$99,740 potential earnings

### Market research analysts and marketing specialists

- 17.7% much faster than the average
- 738,100 number of jobs
- \$65,810 potential earnings

\* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics'

Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

For more information about graduate admissions, visit the graduate admission website. For more information on international admissions, visit the international admission website.

## Admission Requirements

- Bachelor's degree from an accredited college or university
- Minimum 2.750 undergraduate GPA on a 4.000-point scale
- Official transcript(s)
- Résumé
- Goal statement
- Three letters of recommendation
- English language proficiency - all international students must provide proof of English language proficiency (unless they meet specific exceptions to waive) by earning one of the following:<sup>1</sup>
  - Minimum 79 TOEFL iBT score
  - Minimum 6.5 IELTS score
  - Minimum 58 PTE score
  - Minimum 110 DET score

<sup>1</sup> International applicants who do not meet the above test scores will not be considered for admission.

## Application Deadlines

- **Fall Semester**
  - Priority deadline: February 1

*All application materials (including applicable fee, transcripts, recommendation letters, etc.) submitted by this deadline will receive the strongest consideration for admission.*

## Program Requirements

### Major Requirements

Code	Title	Credit Hours
<b>Major Requirements</b>		
GEOG 60800	SEMINAR IN THE DEVELOPMENT OF GEOGRAPHIC THOUGHT	3
GEOG 69701	RESEARCH AND PRESENTATION OF GEOGRAPHIC DATA	3
Major Electives, choose from the following: <sup>1</sup>		6
GEOG 59070	GEOGRAPHIC INFORMATION SCIENCE	
GEOG 59076	SPATIAL PROGRAMMING	
GEOG 59080	ADVANCED GEOGRAPHIC INFORMATION SCIENCE	
GEOG 59230	REMOTE SENSING	
GEOG 69004	QUANTITATIVE METHODS IN GEOGRAPHY	
Additional Program Requirements <sup>2</sup>		12
<i>Culminating Requirement</i>		
GEOG 60199	THESIS I <sup>3</sup>	6
<b>Minimum Total Credit Hours:</b>		<b>30</b>

<sup>1</sup> Students who earned their bachelor's degree at Kent State University and have completed the undergraduate equivalents of any technique courses required in the master's degree can count them toward the technique 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 technique courses will not be required.

<sup>2</sup> Maximum 3 credit hours of research (GEOG 60996 or GEOG 60998) may count toward the M.S. degree requirements.

<sup>3</sup> Students may elect to write a thesis or two research papers.

## Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
-	3.000

- No more than one-half of a graduate student's coursework may be taken in 50000-level courses.
- Grades below C are not counted toward completion of requirements for the degree.

## Roadmap

This roadmap is a recommended semester-by-semester plan of study for this program. Students will work with their advisor to develop a sequence based on their academic goals and history. Courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

Semester One		Credits
GEOG 60800	SEMINAR IN THE DEVELOPMENT OF GEOGRAPHIC THOUGHT	3
Major Electives or Additional Program Requirements		6
<b>Credit Hours</b>		<b>9</b>
Semester Two		Credits
GEOG 69701	RESEARCH AND PRESENTATION OF GEOGRAPHIC DATA	3
Major Electives or Additional Program Requirements		6
<b>Credit Hours</b>		<b>9</b>

### Semester Three

GEOG 60199	THESIS I	3-6
Major Electives or Additional Program Requirements		6
<b>Credit Hours</b>		<b>9</b>

### Semester Four

GEOG 60199	THESIS I	0-3
<b>Credit Hours</b>		<b>3</b>
<b>Minimum Total Credit Hours:</b>		<b>30</b>

## Program Learning Outcomes

Graduates of this program will be able to:

1. Acquire advanced knowledge of the concepts, theories and technology in geography.
2. Synthesize and present concepts and theories in geography.
3. Demonstrate the ability to formulate research problems and carry out independent research projects.