REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Mode of Instruction Definitions</th>
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<tr>
<td><strong>Accelerated</strong>: Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.</td>
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<tr>
<td><strong>Evening/Weekend</strong>: Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.</td>
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<td><strong>Face-to-Face</strong>: Courses typically meet during weekdays on the UW-Madison Campus.</td>
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<tr>
<td><strong>Hybrid</strong>: These programs combine face-to-face and online learning formats. Contact the program for more specific information.</td>
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<tr>
<td><strong>Online</strong>: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.</td>
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CURRICULAR REQUIREMENTS

Minimum 30 credits

Minimum 16 credits

Minimum 15 credits must be graduate-level coursework. Details can be found in the Graduate School’s Minimum Graduate Coursework (50%) policy (https://policy.wisc.edu/library/UW-1244/).

Overall 3.00 GPA required.

Graduate GPA This program follows the Graduate School’s policy: https://policy.wisc.edu/library/UW-1203/.

Other Grade Requirements n/a

Assessments and Examinations A formal thesis is required.

Language No language requirement.

REQUIRED COURSES

Program Breadth Requirements

Most students complete the coursework for breadth requirements prior to entering the program. Students who begin the program lacking one or more of the breadth courses are expected to complete such coursework during the master’s program. One course taken for breadth can also be used to fulfill degree requirements. Typically, these courses are not seminars. Students must complete the equivalent of one undergraduate-level course in quantitative methods, two courses in mathematics, and two intermediate or advanced geography courses.

Coursework Code Required Title Credits

GEOG 765 & GEOG 766 Geographical Inquiry and Analysis: An Introduction and Geographical Inquiry and Analysis: Techniques 4

GEOG 370 Introduction to Cartography 4

GEOG/CIV ENGR/ENVIR ST 377 An Introduction to Geographic Information Systems 4

GEOG 378 Introduction to Geocomputing 4

GEOG 970 Seminar in Geographic Information Science 3

Select two of the following: 6-8

GEOG 572 Graphic Design in Cartography

GEOG 573 Advanced Geocomputing and Geospatial Big Data Analytics

GEOG 574 Geospatial Database Design and Development

GEOG 575 Interactive Cartography & Geovisualization

GEOG 576 Geospatial Web and Mobile Programming

GEOG 578 GIS Applications

GEOG 579 GIS and Spatial Analysis

Remaining Credits 3-5

Students take courses numbered 300 and up in consultation with their advisor to meet the 30 credit minimum.

Total Credits 30

1 GEOG 970 must be taken for 3 credits.