### GEOGRAPHY: GEOGRAPHIC INFORMATION SCIENCE - PROFESSIONAL SCIENCE MASTER'S, MS

For the degree of Master of Science (MS) in Geography with Professional Science Master's in Geographic Information Science Concentration

This program is designed for careers in business management using geospatial technologies. Students build a flexible, cross-disciplinary expertise around a strong Geographic Information Science core, while acquiring business knowledge and professional skills. The business curriculum includes technology management, marketing, entrepreneurship, finance, project and/or process management.

PSM students typically complete the program in 18 months consisting of 3 full-time, on-campus semesters and a summer internship. Graduates are awarded a master's degree in geography with the Professional Science Master's in GIS concentration.

### Admission

Candidates for admission must have a bachelor's degree from an accredited U.S. institution, or comparable degree from a recognized institution abroad with a GPA of 3.0 (4.0 scale) for the last 60 hours of undergraduate or graduate coursework. Application requirements include: 3 letters of recommendation, proof of funding, and English language proficiency scores (https://grad.illinois.edu/admissions/instructions/04c/) for non-native English speakers. Transfer credit from Illinois or other institutions is not permitted.

GRE scores are no longer required or evaluated for admission to this program.

### Financial Aid

Illinois PSM students may not hold assistantships or other tuition/fee waiver-generating appointments but may be eligible for student loans and graduate hourly appointments and paid internships. Statutory waivers and tuition scholarships are accepted.

for the degree of Master of Science in Geography with Professional Science Master's in GIS Concentration

### PSM Concentration Requirements:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Business courses prescribed by the Illinois PSM program</td>
<td>10</td>
</tr>
<tr>
<td>PSM 501</td>
<td>PSM Industry Seminar I</td>
<td>0</td>
</tr>
<tr>
<td>PSM 502</td>
<td>PSM Industry Seminar II</td>
<td>0</td>
</tr>
<tr>
<td>PSM 503</td>
<td>PSM Industry Seminar III</td>
<td>0</td>
</tr>
<tr>
<td>PSM 555</td>
<td>PSM Internship</td>
<td>0</td>
</tr>
</tbody>
</table>

**Total Hours**: 10

### Other Requirements

- Other requirements may overlap.
- The PSM concentration is required.
  - Minimum hours required within the unit: 16
  - Minimum 500-level credit hours (8 in GGIS): 12
  - Evaluation conducted by the GIS-PSM Director and/or members of the GIS-PSM committee
  - Full-time enrollment (12 credit hours or higher) is required in fall and spring semesters; summer enrollment is required for the internship.
  - Minimum GPA: 3.0

**Total Hours for the Geography: Geographic Information Science & Professional Science Master's, MS**: 42

Please refer to the Graduate College Handbook (https://grad.illinois.edu/handbooks-policies/) for additional information and requirements.

For the degree of Master of Science (MS) in Geography with Professional Science Master's in Geographic Information Science Concentration

1. All PSM graduate students will have a firm understanding of the theories and applications of geographic information science and all its diversity and development trends.

Information listed in this catalog is current as of 05/2024
2. All PSM graduate students will have proficiency in at least one GIS toolbox and will have the technical skills for data manipulation, editing, and geospatial data visualization.
3. All PSM graduate students will be able to effectively apply critical geospatial thinking to address real-world problems.
4. All PSM graduate students will acquire foundational business knowledge and professional skills to work as a geospatial analyst in a pertinent professional team environment.
5. All PSM graduate students will have a strong knowledge of proper ethical conduct in the context of developing and executing geospatial solutions.

For the degree of Master of Science (MS) in Geography with Professional Science Master's in Geographic Information Science Concentration

**Department Head:** Dr. Shaowen Wang  
**Faculty Advisor:** Dr. Michael Minn

Department of Geography & Geographic Information Science website (https://ggis.illinois.edu/)  
Geography email (geography@illinois.edu)  
(217) 333-1880  
2044 Natural History Building  
1301 W. Green Street  
Urbana, IL 61801

**Illinois Professional Science Master’s (PSM)  
Graduate College Admissions**