GEOGRAPHIC INFORMATION SCIENCE, MS – PROFESSIONAL SCIENCE MASTER'S

Department Head: Shaowen Wang
2044 Natural History Building
1301 W. Green St.
Urbana, IL 61801
E-mail: geograph@illinois.edu
PH: (217) 333-1880
http://www.geog.illinois.edu/

Faculty Coordinator: Shakil Kashem, Ph.D.

Admissions: Matt Cohn

Major: Geography
Degree Offered: M.S.
Graduate Concentration: Professional Science Master's; Geographic Information Science (M.S. only)

Graduate Degree Program

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.

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. The Graduate Record Examination (GRE), test of English as a Foreign Language (TOEFL, IELTS, TSE) for non-native speakers of English, and letters of recommendation are required. Transfer credit from Illinois or other institutions is not permitted.

Financial Aid

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

Geography, MS – Professional Science Master's Concentration in Geographic Information Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<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>

Choose from following list in consultation with the faculty coordinator.

- GEOG 412 Geospatial Tech & Society
- GEOG 421 Earth Systems Modeling
- GEOG 440 Business Applications of GIS
- GEOG 439 Health Applications of GIS
- GEOG 460 Aerial Photo Analysis
- GEOG 473 Digital Cartography & Map Design
- GEOG 476 Applied GIS to Environ Studies
- GEOG 477 Introduction to Remote Sensing
- GEOG 478 Techniques of Remote Sensing
- GEOG 479 Advanced Topics in GIS
- GEOG 480 Principles of GIS
- GEOG 489 Programming for GIS
- GEOG 560 Spatial Epidemiology
- GEOG 570 Advanced Spatial Analysis
- GEOG 595 Advanced Studies in Geography

Other GIS-related courses may be substituted with permission of the GIS-PSM Director.

Total Hours for GIS concentration: 32

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<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>

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 GEOG): 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

1 Students with no previous experience in GIS are required to take a graduate-level GIS course.
2 For additional details and requirements for all degrees, please refer to the program's Graduate Degree Requirements (http://www.psm.illinois.edu/prospectivestudents/programs/agripro.html) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).

Information listed in this catalog is current as of 12/2019