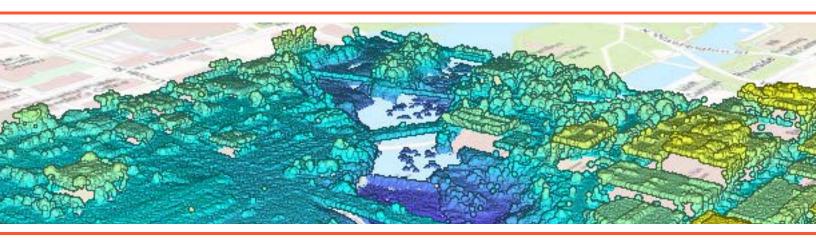
ILLINOIS PROFESSIONAL SCIENCE MASTER'S Geographic Information Science



Looking for a career that combines cutting-edge geospatial technologies with business management? Consider the Illinois Professional Science Master's (PSM) program in Geographic Information Science (GIS). Geospatial technologies, ranging from GPS-enabled devices to satellite remote sensing, are an integral part of our interconnected world, and are applied in a wide range of industries including fagriculture, healthcare, energy, and transportation.

PSM graduate students in GIS build a flexible, cross-disciplinary expertise around a strong GIS core, drawing upon the University of Illinois's renowned strengths in GIS, informatics, computer science, and related fields. PSM students will gain a firm foundation in GIS theory and applications, while acquiring business knowledge and professional skills. Additionally, the professional internship provides students with opportunities to apply their technical and business knowledge in an industrial/organizational setting.

Graduates will be prepared to apply their blended science and business education at companies that utilize GIS to enhance product sales, resource development, business efficiency, and service delivery. Many business functions rely on geospatial technologies, including natural resource management, marketing analysis, site location analysis, environmental risk assessment, business intelligence operations, and logistics.

The PSM's science core is complemented by a business curriculum that includes technology management, marketing, organizational management, entrepreneurship, process management, and more. A cross-disciplinary industry seminar series offers opportunities for personal interactions with industry and government leaders.

The program can be completed in 18 months of full-time study on the Urbana-Champaign campus, including required summer enrollment to complete the internship. A thesis is not required.

Career Opportunities

Many business functions rely on geospatial technologies, including:

- natural resource development
- marketing analysis
- site location analysis
- environmental risk assessment
- business intelligence operations
- logistics, and more

Apply Online PSM.illinois.edu/Apply-now



Program Advisor

Dr. Michael Minn Department of Geography and Geographic Information Science minn2@illinois.edu

Coordinated by the University of Illinois College of Liberal Arts and Sciences (LAS) in cooperation with the College of ACES.

ILLINOIS PROFESSIONAL SCIENCE MASTER'S Geographic Information Science

Admission Requirements

- Bachelor's degree from a regionally accredited U.S. Institution or a comparable degree from a recognized institution abroad
- Grade point average of 3.0 or higher (4.0 scale) for the last 60 hours of undergraduate work and for any graduate work
- Test of English as a Foreign Language (TOEFL) for non-native speakers of English
- Three (3) letters of recommendation.

Sample Program of Study

Year 1: Fall

Science Curriculum GGIS 480 GGIS 473 Business Curriculum

Principles of GIS Digital Cartography and Map Design

Two 2-hour courses in:

- Business Fundamentals
- Project Management
- PSM 501 Industry Seminar I

Year 1: Spring

Science Curriculum GGIS 477 I GGIS 489 I

GGIS 570

Remote Sensing Programming for GIS Advanced Spatial Analysis

Business Curriculum

Two 2-hour courses in:

- Finance
- Choice of another business course
 PSM 502
 Industry Seminar II

Summer Internship

PSM 555

PSM Internship

Year 2: Fall

Science Curriculum GGIS 407

> GGIS 527 GGIS 517

Foundations of CyberGIS and Geospatial Data Science Geospatial AI and Machine Learning Geospatial Visualization and Visual Analytics

Business Curriculum

One 2-hour course in Science & Regulatory Policy PSM 503 Industry Seminar III

December Graduation

Apply Online PSM.illinois.edu/Apply-now

See Course Overview psm.illinois.edu/gis/overview

This is a sample curriculum;

your courses will depend upon

your individual interests and career plans.

Students have interned at:

- BP America
- Corteva Agriscience
- CyberGIS Center
- Esri
- Gartner
- John Deere
- State Farm
- Urban GIS
- and many others

Graduates have been hired by:

- AT&T
- BP
- Chevron
- Esri
- Google
- Meta
- and more

