

What Can I Do With This **Ohio State** Major?

Bachelor of Science

Geographic Information Science

College of Arts and Sciences

Learning the tools and methods for the management and analysis of geographic information is the core of the GIS major at Ohio State. Substantive areas include computer and web-enabled mapping, exploratory spatial data analysis and spatial statistics, spatial decision support, spatial database fundamentals, and societal aspects of GIS. Students in this specialization will receive extensive exposure to GIS and spatial analysis software. Hands-on experience in questions of interest to the student is an important part of the curriculum.ⁱ

Career Areas/Job Titles:

Management and Industry

Urban Planner
Real Estate
Appraiser/Researcher
Shipping Route Manager
GIS Analyst
Market Analyst
Land Use Consultant
Conservationist
Environmental Planner
Spatial Database Developer

Communication and Media

Cartographer
Graphic Designer

Science and Technology

Software Developer
Computer Systems Manager
Data Processor

Education

Professor
K-12 Teacher
Archivist/Librarian

Non-Profit/Advocacy

Peace Corp Member
Fundraiser/Development Officer

Government/Politics

Politician
Lobbyist
Lawyer

**Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

Transferable Skills:

Artistic Design
Computer Programming
Mathematic Skills
Editing
Speaking Effectively
Technical Writing
Use Technology Effectively
Written Communication
Social Perceptiveness

Teaching/Instructing Others
Teamwork
Defining Needs
Forecasting/Predicting
Identifying Problems
Research Skills
Setting Goals
Adaptability/Flexibility
Attention to Detail

Judgment & Decision Making
Managing Time/Stress
Administrative Skills
Prioritizing Tasks
Strategic Planning/Visioning
Creating Innovative Solutions
Quantitative Reasoning
Data Analysis
Analytical/Critical Thinking

**This is not an extensive list of transferable skills. See larger list of skills you might develop here:
<http://ccss.osu.edu>*

Professional Links:

Association of American Geographers: <http://www.aag.org/>
The American Geographical Society: <http://www.amergeog.org/>
The Association for GIS Professionals: http://www.urisa.org/career_center
OSU Meteorology Club: <http://www.geography.osu.edu/metclub/>
OSU Geography Club: <http://geogclub.org.ohio-state.edu/>