Geographers explore the relationships and interactions between people and our environment using a diverse suite of field, laboratory and computer-based research tools and techniques to solve real-world problems. The Department of Geography offers a variety of undergraduate and graduate degrees and certificates, with a full range of teaching and research opportunities on- and off-campus.

DEGREES OFFERED
• Geography, BS
• Geography: Professional, BS
• Geography minor
• Geographic Information Science (GIS) Certificate
• Geography, MS
• Geographic Information Science (GIS) Graduate Certificate

REAL-WORLD EXPERIENCES
• Research opportunities
• Field studies
• Study abroad/away
• EARTH Systems Lab
• Weather Lab
• GIS/Cartography Labs
• RANGE Club

SKILLS AND TALENTS
• Analytical skills
• Communication skills
• Computer skills
• Critical thinking
• Coding/programming
• Enjoy traveling
• Notice patterns
• Problem solving
• Research skills
• Spatial reasoning

EMPLOYERS
• Conservation/visitor bureaus
• Federal, state, and local government
• Forestry, mining and engineering
• Architectural and surveying firms
• Manufacturing and retail firms
• Scientific and research groups
• State and national parks
• Utility companies
• Military
• GIS companies
• Agriculture (USDA, extension offices, industry)
• NGOs/Non-profit

CAREERS
• Agriculture analyst/specialist
• Business/retail sales analyst
• Cartographer
• City/regional planner
• Community health specialist
• Community organizer
• Conservationist
• Demographer
• Educator
• Environmental consultant/regulator
• Forestry/range technician
• Geospatial intelligence analyst
• GIS technician/analyst/programmer
• Hydrologist
• Land management planner
• Meteorologist/climatologist
• Natural resource manager/specialist
• Naturalist/outdoor guide
• Soil scientist/conservationist
• Transportation/utility planner
• Travel/tourism planner
REASONS TO MAJOR IN GEOGRAPHY AT MINNESOTA STATE UNIVERSITY, MANKATO

• Geography is one of the fastest growing and highest paying fields.

• Students get hands-on experience working with cutting edge technologies such as drones, advanced GPS units, surveying equipment, soil probes, ground penetrating radar, the latest GIS and remote sensing tools and software, community-based research, and more.

• We have in-house opportunities for our majors, including laboratory and field assistants, tutors, preceptors, GIS assistants, and department assistants.

• Geography is a diverse field – climate change, natural resource management, population and migration patterns, arid region geomorphology, soils, water resources, geomorphology, environmental change, natural hazards, agriculture, GIS and remote sensing applications, and development.

• We offer multiple study abroad and field courses including in the desert southwest, Black Hills, Colorado, Iceland, India, Puerto Rico, and throughout Minnesota.

• Faculty members conduct research around the world and often take students with them to places such as Kansas, Arizona, Utah, Colorado, Missouri, South Dakota, Wisconsin, Jamaica, and all over Minnesota.

• Geographers have fun – movie nights, geocaching, canoe trips, field trips, professional networking activities, an annual cookout and community service events like food drives, Earth Day, GIS Day, and litter pick-ups.

• You will be better equipped to deal with the challenges of the future - Geography influences nearly every aspect of our lives, from where we go to what we buy.

SAMPLE FOUR-YEAR CURRICULUM (GEOGRAPHY, BS)

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<tr>
<th>First Year (Fall)</th>
<th>First Year (Spring)</th>
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<tr>
<td>GEOG 101 Introductory Physical Geography (3)</td>
<td>GEOG 340 United States (3)</td>
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<td>GEOG 103 Introductory to Cultural Geography (3)</td>
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<td>GEOG 373 Introduction to GIS (4)</td>
<td>GEOG XXX Cultural-Systemic Course (3)</td>
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<td>GEOG XXX Foreign Regional Course (3)</td>
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<td>GEOG 401 Colloquium (1)</td>
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<td>Fourth Year (Fall)</td>
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<td>Upper Level Electives (15)</td>
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For additional information about course requirements, please visit https://mankato.mnsu.edu/academics/academic-catalog/

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More information: sbs.mnsu.edu/geography  geography@mnsu.edu