

# Geographical and Sustainability Sciences, BA

Students delve into understanding how human impacts on the environment and coupled environmental impacts on human activities are connected via complex feedback loops. Areas of focus range from health to land use change and urban systems. This unique program fosters a holistic understanding of environmental challenges and solutions, empowering students to pursue careers where a comprehensive understanding of human-environmental interactions combined with technical skills such as geographical information systems (GIS) are needed.

You'll graduate ready to apply your skills in the private and public sector to implement solutions and communicate the importance of system thinking, sustainability science, and management to leaders and the public.

## Learning Outcomes

Graduates will:

- understand the role of spatial information and data in addressing social and environmental questions and the role of geography as a linchpin discipline that bridges social and biophysical sciences;
- understand the connections and relationships between human and environmental activities and outcomes across space and time;
- assess various points of view and perspectives while assessing complex social and environmental problems, to evaluate the factual basis of assertions, and to understand tradeoffs;
- be able to formulate testable hypotheses, apply quantitative or qualitative approaches and methodological tools to pertinent questions, and acquire secondary data or construct primary data sets when applicable;
- be able to communicate complex geographical and technical concepts using an appropriate vocabulary to a broad spectrum of audiences.