



## CAREER PATHFINDERS

### BACHELOR OF ARTS OR SCIENCE DEGREE WITH A MAJOR IN

# GEOGRAPHY

## Overview

The study of Geography is concerned with the Earth in two ways: as the science of interaction between natural elements of the environment (weather, plants, soils, and landforms) and as the science of the distribution and activities of the Earth's population in response to social and environmental factors. Systematic studies in Geography examine the locations, distributions, arrangements, and associations between groups of interrelated features. In contrast, regional studies examine the totality of geographic phenomena in a particular area.

## Job Titles

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| <ul style="list-style-type: none"> <li>• Aerial Photo Interpreter (NOC 2255)</li> <li>• Cartographer (NOC 2255)</li> <li>• Climatologist (NOC 2114)</li> <li>• Community Relations Representative (NOC 4311)</li> <li>• Customs/Immigration Officer (NOC 1228)</li> <li>• Demographer (NOC 2161)</li> <li>• Forestry Technician Geophysics (NOC 2223)</li> <li>• Hazardous Waste Inspector (NOC 2263)</li> <li>• Hydrologist (NOC 2113)</li> <li>• Land Economist (NOC 4162)</li> <li>• Mapping Technician (NOC 2255)</li> <li>• Meteorologist (NOC 2114)</li> <li>• Natural Resource Policy Analyst (NOC 4161)</li> </ul> | <ul style="list-style-type: none"> <li>• Outdoor Guide (NOC 6532)</li> <li>• Park Ranger (NOC 2224)</li> <li>• Public Opinion Surveyor (NOC 1454)</li> <li>• Technical Occupations in Geomatics (NOC 2255)</li> <li>• Teacher (NOC 4032)</li> <li>• Land Surveyor (NOC 2154)</li> <li>• Urban and Rural Land Use Planner (NOC 2153)</li> <li>• Policy Analyst (NOC 4161)</li> <li>• Compliance Officer (NOC 4423)</li> <li>• Natural and Applied Science Policy Researcher, Consultant, and Program Officer (NOC 4161) <sup>1, 2</sup></li> </ul> |
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<sup>1</sup> The numbers following each job title refer to [Canada's National Occupational Classification \(NOC\) code](#). Jobs may require additional education or training.

<sup>2</sup> Government of Canada. "Geography (45.0701), Bachelor's degree". Job Bank, 25 March 2020, <https://www.jobbank.gc.ca/studentdashboard/45.0701/LOS05>

## Work Settings

- Conservation/Environmental Agencies
- Consulting Firms
- Educational Institutions
- Engineering Firms
- Forestry Industry
- Government Agencies/Departments
- Insurance Industry
- Market Research Firms
- Natural Resource Industry
- Research Institutes
- Trade/Professional Associations
- Travel/Tourism Industries

## Skills and Characteristics

- Knowledge of the earth's physical environments
- Understanding of social, economic, political and cultural factors
- Visualization skills
- Ability to mapping and related field technology
- Spatial analysis of socioeconomic patterns, problems and forces
- Good visualizations skills
- Skills in writing reports
- Skills in writing academic essays

## Professional Associations and Other Links

- The Canadian Association of Geographers <https://www.cag-acg.ca/>
- Geographical Association <http://www.geography.org.uk/>
- Geomatics Canada <http://www.geomaticscanada.com/>
- The Royal Canadian Geographical Society <http://www.rcgs.org/>
- The Canadian Cartographic Association <http://cca-acc.org/>
- National Geographic <http://www.nationalgeographic.com/jobs/>

This document is intended to provide a starting point for your career research. For more information about UWinnipeg's Geography program, visit the [Department of Geography](#) website and the [Geography Fact Sheet](#).

Students are encouraged to [schedule an appointment with an Academic and Career Advisor](#) for assistance with career planning.

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