



# CAREER PATHFINDERS

## GEOGRAPHY DEGREE

The study of Geography is concerned with the Earth in two ways—as the science of interaction between natural elements of the environment, such as weather, plants, soils, and landforms and, secondly, as the science of the distribution and activities of the Earth's population in response to various 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.

Geography offers a considerable variety of career opportunities. High schools require a continuing supply of Geography teachers. Various federal and provincial agencies dealing with conservation, town planning, recreation, landscape architecture and the utilization of Canada's resource also provide opportunities, especially to those with Honours or graduate work in Geography. Undergraduate training in the subject is often required for certain business careers, especially in surveying, market assessment, and location and general commercial development.

## Career Options / Job Titles

(SOME MAY REQUIRE ADDITIONAL EDUCATION AND/OR TRAINING)

- Aerial Photo Interpreter (NOC 2255)
- Cartographer (NOC 2255)
- Climatologist (NOC 2114)
- Community Relations Representative (NOC 4311)
- Customs/Immigration Officer (NOC 1228)
- Demographer (NOC 2161)
- Forestry Technician Geophysics (NOC 2223)
- Hazardous Waste Inspector (NOC 2263)
- Hydrologist (NOC 2113)
- Land Economist (NOC 4162)
- Mapping Technician (NOC 2255)
- Meteorologist (NOC 2114)
- Natural Resource Policy Analyst (NOC 4161)
- Outdoor Guide (NOC 6532)
- Park Ranger (NOC 2224)
- Public Opinion Surveyor (NOC 1454)

## Skills Developed by Geography Majors

- 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

## Employers / Areas of Employment

- 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

## Professional Associations and Websites

- Geography Fact Sheet <http://uwinnipeg.ca/factsheets/docs/factsheet-geography.pdf>
- NOC Codes <http://www5.hrsdc.gc.ca/NOC/English/NOC/2011/Welcome.aspx>
- Geography Jobs.ca <http://www.geographyjobs.ca/>
- The Canadian Association of Geographers <http://www.cag-acg.ca/en/index.html>
- Geographical Association <http://www.geography.org.uk/>
- Eluta.ca <http://www.eluta.ca/search?order=rank&q=Geography+field&l=&qc>
- Geomatics Canada <http://www.geomaticscanada.com/>
- The Guardian <https://jobs.theguardian.com/landingpage/2867695/jobs-geography-html/>
- International Geography Associations <http://www.aag.org/cs/rioplus20>
- Associations of American Geographers <http://www.aag.org/>
- The Royal Canadian Geographical Society <http://www.rcgs.org/>
- The Canadian Cartographic Association <http://cca-acc.org/>
- National Geographic <http://www.nationalgeographic.com/jobs/>