

Archived: September 9, 2021

## Science and Technology Programs

# Geography (BSc)

**Location Offered:**

Nanaimo

**Credential:**

Bachelor Degree

**Options:**

Minor

**Program Length:**

4 Years

## The Program

The Bachelor of Science, Minor in Geography provides students with a broad foundation in physical geography and an introduction to geographical information systems (GIS). The program focuses on the study of the distribution of biophysical phenomena (climate, land, plants, animals, water), on Earth and examines the processes that control their origin and evolution.

Students have the opportunity to develop skills in research methods, geographic communication, modeling spatial data, and producing and analyzing maps using GIS. The program is of special interest to those who wish to pursue a career in environmental science or education. It is ideally suited for students studying earth sciences, biology, forestry or ecology.

**Note:** *First-year science courses have specific prerequisites. A minimum grade of "B" in either Pre-calculus 12 or Principles of Mathematics 12 is required for either MATH 100 or MATH 121.*

## Program Outline

### Requirements for a Minor

Students must fulfill all Institutional B.Sc. Degree Requirements, including Degree English Requirements and courses listed below:

Years 1 and 2	Credits
GEOG 101 - (Environmental Geography)	3
GEOG 211 - (Atmospheric Environments)	3
GEOG 212 - (Earth Environments)	3
GEOG 228 - (Maps and Mapping)	3
MATH 211 - (Statistics I)	3

**Note:** *Students may not obtain credit for MATH 151 or 152 as part of a B.Sc. degree.*

<b>Years 3 and 4</b>	<b>Credits</b>
GEOG 320 - (Planning and Management of Parks and Protected Areas)	3
GEOG 328 - (Geographic Information Systems)	3
Select <i>three</i> courses from the following: GEOG 372 - (Climatology) GEOG 373 - (Biogeography) GEOG 374 - (Hydrology) GEOG 376 - (Geomorphology)	9
<i>One</i> upper-level GEOG elective	3

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