

Bachelor of Science, Majors, Minors and Transfer

Geography

- **A Minor is offered**
- **Program Fees: Domestic Students, International Students**
- **Apply for Admission: Forms and Information**

Note: VIU also offers a Bachelor of Arts, Major and Minor in Geography and an Advanced Diploma in GIS Applications.

General Description

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. MATH 121 requires Principles of Math 12 with a minimum "B" while MATH 100 requires a minimum "B" in Principles of Math 12, or minimum "B-" in both Principles of Math 12 and Calculus 12.

Requirements for a Minor

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

Years 1 & 2	Credits
GEOG 101 - (Environmental Geography)	3
GEOG 211 - (Atmospheric Environments)	3
GEOG 212 - (Earth Environments)	3
GEOG 226 - (Introductory Spatial Analysis for the Environmental Sciences) or, GEOG 228 - (Spatial Analysis)	3
MATH 211 - (Statistics I)	3

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

Years 3 & 4	Credits
GEOG 322 - (Geographic Communication)	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
One upper-level GEOG elective	3

Archived: January 27, 2011