

# Major Concentration Geography - Physical Geography (36 credits)

**Offered by:** Geography    **Degree:** Bachelor of Arts and Science

## Program Requirements

### Required Courses (12 credits)

- GEOG 201 Introductory Geo-Information Science (3 credits)
- GEOG 202 Statistics and Spatial Analysis (3 credits)
- GEOG 203 Environmental Systems (3 credits)
- GEOG 272 Earth's Changing Surface (3 credits)

### Complementary Courses (24 credits)

Courses are selected as follows:

6 credits of analytical techniques are selected from:

- GEOG 306 Raster Geo-Information Science (3 credits)
- GEOG 307 Socioeconomic Applications of GIS (3 credits)
- GEOG 308 Principles of Remote Sensing (3 credits)
- GEOG 351 Quantitative Methods (3 credits)

3 credits of field courses selected from:

- GEOG 495 Field Studies - Physical Geography (3 credits)
- GEOG 496 Geographical Excursion (3 credits)
- GEOG 499 Subarctic Field Studies (3 credits)

9-15 credits in systematic physical geography selected from:

- GEOG 305 Soils and Environment (3 credits)
- GEOG 321 Climatic Environments (3 credits)
- GEOG 322 Environmental Hydrology (3 credits)
- GEOG 372 Running Water Environments (3 credits)
- GEOG 470 Wetlands (3 credits)

0-6 credits in integrative and advanced topics selected from:

- GEOG 302 Environmental Management 1 (3 credits)
- GEOG 501 Modelling Environmental Systems (3 credits)
- GEOG 505 Global Biogeochemistry (3 credits)
- GEOG 506 Advanced Geographic Information Science (3 credits)
- GEOG 536 Geocryology (3 credits)
- GEOG 537 Advanced Fluvial Geomorphology (3 credits)
- GEOG 550 Historical Ecology Techniques (3 credits)
- GEOG 555 Ecological Restoration (3 credits)