

Liberal Program - Core Science Component

Geography (49 credits)

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

Program Requirements

Required Courses (22 credits)

- GEOG 201 Introductory Geo-Information Science (3 credits)
- GEOG 203 Environmental Systems (3 credits)
- GEOG 216 Geography of the World Economy (3 credits)
- GEOG 217 Cities in the Modern World (3 credits)
- GEOG 272 Earth's Changing Surface (3 credits)
- GEOG 290 Local Geographical Excursion (1 credit)
- GEOG 302 Environmental Management 1 (3 credits)
- GEOG 351 Quantitative Methods (3 credits)

Complementary Courses (27 credits)

One course (3 credits) from the following statistics* courses.

- BIOL 373 Biometry (3 credits)
- GEOG 202 Statistics and Spatial Analysis (3 credits)
- MATH 203 Principles of Statistics 1 (3 credits)
- PSYC 204 Introduction to Psychological Statistics (3 credits)
- SOCI 350 Statistics in Social Research (3 credits)

One course (3 credits) from the following GIS/Remote Sensing courses:

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

Four courses (12 credits) from the following:

- 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)

One course (3 credits) from the following field courses:

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

Two additional courses (6 credits) from the list of approved Geography courses below.

- GEOG 404 Environmental Management 2 (3 credits)
- GEOG 501 Modelling Environmental Systems (3 credits)
- GEOG 505 Global Biogeochemistry (3 credits)
- GEOG 506 Advanced Geographic Information Science (3 credits)
- GEOG 523 Global Ecosystems and Climate (3 credits)
- GEOG 535 Remote Sensing and Interpretation (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)