BSc. MAJOR IN PHYSICAL GEOGRAPHY & GEOMATICS (60 units)

A UNIQUE PROGRAM!

Interdisciplinary core courses
Courses in physical geography, geomatics and computer science

Optional courses relevant to your professional goals
In biology, chemistry, physics, geology and mathematics

Rich and rewarding field courses
Mandatory and optional courses in Canada, Iceland and Zanzibar

Cutting-edge skill development
Big data analysis, programming, cloud computing

Data collection and analysis
Field work, drones, GPS, satellite imagery, GIS

Train on state of the art computer hardware and software
Training that will ensure you get a good grasp of technology

Areas of focus are marketable and address current issues
Environmental spatial analysis, northern environments, climate change

Position yourself ahead with the COOP program
Provides the opportunity to gain valuable skills and work experience

COOP AVAILABLE

FRENCH IMMERSION AVAILABLE

Year 1
- GEGL301 The Physical Environment
- IT1120 Introduction to Computing I
- 6 course units from: MATL320 and MATL322; OR MATL330 and MATL332
- 9 course units from: BIO1130 Introduction to Organismal Biology, CHM1311 Principles of Chemistry, GEO1111 Introduction to Earth Systems, GEO1115 Introduction to Earth Materials, PHY1132 Principals of Physics

Year 2
- GE2510 Geomorphology
- GE2304 Climatology
- GEG2320 Introduction to Geomatics
- GEG2918 Field Camp I

Year 3
- GEG301 Geomorphology
- GEG3312 Advanced GIS
- GEG3105 Remote Sensing
- 15 course units in GEG at the 3000 or the 4000 level
- *see list of optional courses

Year 4
- GEG4001 Northern Field research
- GEG4100 Glaciology
- GEG4301 Advanced Geomatics
- GEG4921 Physical Geography Field Camp

* 15 optional course units from:
  - GEG3101 Advanced Geomorphology
  - GEG3102 Hydrology
  - GEG3114 Biogeography
  - GEG3300 Selected Topics in Physical Geography
  - GEG3306 Quaternary Paleogeography
  - GEG3524 Histoire de la Géographie
  - GEG4101 Permafrost Environments
  - GEG4112 Quaternary Paleoenvironments
  - GEG4120 GIS & Numerical Spatial Analysis

Be a part of the first cohort!
Begin your new program in September 2018

Current students
Transfer into the program in the Fall of 2018.
For more information visit: https://arts.uottawa.ca/geography/undergraduate

Note: courses with 6 units will count for an additional 3 units towards optional courses

Plus 24 elective units if combined with Minor in another program. In all other cases, 54 elective units.