

# MINOR IN GEOMATICS AND SPATIAL ANALYSIS

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Geomatics is a rapidly expanding branch of geography with concrete applications in areas such as health-care planning, epidemiology, criminology, defense and security, disaster management, environmental and resource monitoring, and urban planning. Geographic information systems (GIS), remote sensing and global positioning systems have also made it easier to capture, manage and visualize geographic information. From producing more efficient transit schedules to mapping disease outbreaks or assessing the seismic or health risks associated to our built environments, geomatics plays an essential role.

This program is offered in English and in French.

Learn more about this program (<https://www.uottawa.ca/faculty-arts/geography-environment-geomatics/undergraduate/geomatics-spatial-analysis/>)

## Program Requirements

The table below includes only discipline-specific courses. Please refer to the Academic Regulations (<https://www.uottawa.ca/about-us/policies-regulations/academic-regulations/b-2-program-studies/>) for information on including a minor to your degree.

Requirements for this program have been modified. Please consult the 2015-2016 calendars (<http://www.uottawa.ca/academic/info/regist/1516/calendars/>) for the previous requirements.

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|--|---------------------------------|-----------------|
| GEG 2320                                       | GIS and the Digital Earth       | 3 Units         |
| GEG 3105                                       | Earth Observation               | 3 Units         |
| GEG 3312                                       | Digital Earth Analysis Modeling | 3 Units         |
| 6 course units from:                           |                                 | 6 Units         |
| GEG 2108 Contested Places                      |                                 |                 |
| GEG 2110 Sustainable Cities                    |                                 |                 |
| GEG 2301 Earth Surface Processes and Landforms |                                 |                 |
| GEG 2304 Climatology                           |                                 |                 |
| 15 optional course units in geography (GEG)    |                                 | 15 Units        |
| <b>Total:</b>                                  |                                 | <b>30 Units</b> |