**Admission Requirements**
Completion of first-year requirements with no failures*. Students must have an average of at least 70% in 3.0 principal courses, including 1.0 course from Geog 1100 Fundamentals of Geog, 1300A/B Physical Geog, 1400F/G How Humans Interact with the World, 1500F/G Environment & Development Challenges, 2131A/B Natural Environment, 2153A/B Environment, Economy, & Society, plus 2.0 more courses, with no mark in these courses below 60%.
1. 1.0 from Geog 1100, 1300B, 1400G, 1500F, 2131A/B, 2153A/B ________ ________
2. __________________ 3. __________________ ________
4. __________________ 5. __________________ ________

*You may take senior courses only if you have completed all 1st yr requirements or you are completing them concurrently.

**Module Requirements**

<table>
<thead>
<tr>
<th>0.5: Geog 2210A/B Spatial Analysis (normally taken in Year 2)</th>
<th>0.5 or any university-level statistics course at the 2000 level or above (if a 1.0 course is taken, the module will consist of 6.5 courses)</th>
</tr>
</thead>
</table>
| 1.5: Geog 2220A/B Geographic Information Science | 2230A/B Remote Sensing ______
| 2240A/B Introductory Cartography ______ |

| 1.0: Geog 2310A/B Weather and Climate | 2320A/B Introductory Biogeography ______
| 2330A/B Geomorphology and Hydrology ______
| 2410A/B Social Geography ______ 2411F/G Indigenous Environments ______
| 2420A/B Economic Geography ______ 2430A/B Public Health & Environment ______
| 2450F/G Introduction to Resource and Environmental Management ______
| 2460F/G Introduction to Urban Development ______ |

| 1.0: Geog 3211A/B Spatial Statistics | 3222A/B Geographic Information Science II ______ |

| 2.0: Computer Science 2034A/B Data Analytics: Principles and Tools | 2120 A/B Computing and Informatics for Life Sciences ______
| Geog 2122A/B Spatial Techniques ______ 3210A/B Quantitative Analysis ______
| 3221A/B Advanced Seminar in Geographic Information Science ______
| 3223A/B Decision-Making with GIS ______
| 3231A/B Advanced Topics in Remote Sensing ______
| 3241A/B Advanced Cartography ______
| 3260A/B Environmental Modeling with GIS and Remote Sensing ______
| 3231A/B Advanced Biogeography ______
| 3421A/B Location Theory and Analysis ______
| 4220A/B GeoWeb and Geomedia ______ |


It is the student’s responsibility to check that all the graduation requirements have been met.