

Name \_\_\_\_\_ Student \_\_\_\_\_ As of \_\_\_\_\_



BA or BSc 4 YEAR OR BA 3 YEAR

Check list updated September 2024

MAJOR IN GIS (6.0 courses)

Requirements	Check List
<p><b>Admission Requirements</b>                      Completion of first-year requirements with a mark of at least 60% in each of these courses.</p> <p><input type="checkbox"/> <b>1.0 Geography</b> 1100 Fundamentals of Geography, 1200A/B The Climate Emergency, 1300A/B Intro to the Physical Environment, 1400F/G Intro to the Human Environment Or 1500F/G Environment &amp; Development Challenges, 2131A/B Natural Environment, 2132A/B Digital Earth, 2133A/B Connecting For Climate Change Action, 2152F/G Geography of Hazards and/or 2153A/B Environment, Economy, &amp; Society, <u>Environmental Science</u> 1021F/G Environmental Science &amp; Sustainability _____</p> <p><i>*You may take senior courses only have completed all first-year requirements or you are completing them concurrently if you.</i></p>	<p><b>Year I</b></p> <p><input type="checkbox"/> 5.0 courses numbered 1000-1999 in at least four <b>different</b> subjects.</p> <p><input type="checkbox"/> 1.0 course 1001-1999 from <b>Arts OR Science</b></p> <p><input type="checkbox"/> <b>60%</b> in each course from the admission list</p> <p><b>Essential Module:</b></p> <p><input type="checkbox"/> <b>6.0</b> courses specified for the GIS Major; count so far _____</p> <p><b>Essays:</b></p> <p><input type="checkbox"/> 2.0 <b>designated essay</b> courses including 1.0 numbered 2000 or above</p> <p><b>Breadth:</b></p> <p><input type="checkbox"/> 1.0 <b>Category A</b> – Social Science</p> <p><input type="checkbox"/> 1.0 <b>Category B</b> – Arts</p> <p><input type="checkbox"/> 1.0 <b>Category C</b> – Science</p> <p><b>Number of Courses:</b></p> <p><input type="checkbox"/> <b>20.0</b> courses with no failures (for the 4-year BA or BSc); so far _____</p> <p><input type="checkbox"/> <b>15.0</b> courses with no failures (for the 3-year BA); count so far _____</p> <p><input type="checkbox"/> No more than <b>14.0</b> courses in a subject</p> <p><input type="checkbox"/> No more than <b>7.0</b> Year I course count so far _____</p> <p><input type="checkbox"/> <b>11.0</b> Science or Science-equivalent courses for the 4-year BSc; count so far _____</p> <p><b>Averages:</b></p> <p><input type="checkbox"/> <b>60%</b> cumulative average in the Module</p> <p><input type="checkbox"/> <b>60%</b> cumulative average in any additional module taken.</p> <p><input type="checkbox"/> <b>60%</b> cumulative average on 20.0 (or 15.0 for the BA 3 Year) courses successfully completed.</p> <p><b>Grades:</b></p> <p><input type="checkbox"/> <b>Passing grade</b> in each option</p>
<p><b>Module Requirements</b></p> <p><input type="checkbox"/> <b>0.5: Geography 2210A/B Intro to Statistics for Geographers</b> _____                      (normally taken in Year 2) 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)</p> <p><input type="checkbox"/> <b>1.0: Geography 2220A/B Geographic Information Science I</b> _____  <b>2230A/B Remote Sensing</b> _____</p> <p><input type="checkbox"/> <b>1.0: Geography 2310A/B Weather and Climate</b> _____                      2320A/B Introductory Biogeography _____                      2330A/B Geomorphology and Hydrology _____                      2410A/B Social Geography _____ 2411F/G Indigenous Environments _____                      2412F/G Indigenous Health and Healthcare Environments _____                      2420A/B Economic Geography _____                      2430A/B Public Health &amp; Environment _____                      2460F/G Introduction to Urban Development _____</p> <p><input type="checkbox"/> <b>1.5: Geography 3210A/B Geocomputation</b> _____ (normally taken in Year 3)  <b>3211A/B Spatial Statistics</b> _____  <b>3222A/B Geographic Information Science II</b> _____</p> <p><input type="checkbox"/> <b>2.0: Computer Science 2034A/B Data Analytics: Principles and Tools</b> _____                      2120A/B Computing and Informatics for Life Sciences _____  <u>Geography</u> 3224A/B Spatial Ecology and GIS _____                      3225A/B Transportation Geography and GIS _____                      3226A/B Urban Data Science _____                      3231A/B Advanced Topics in Remote Sensing _____                      4220A/B GeoWeb and Geomedia _____</p> <p><i>When taken within this module, the following Geography courses count towards meeting the requirement of 11.0 Science courses in a 4-Year BSc: Geography 2210A/B, 2220A/B, 2230A/B, 2310A/B, 2320A/B, 2330A/B, 3210A/B, 3211A/B, 3222A/B, 3224A/B, 3226A/B, 3231A/B, 4901E.</i></p> <p><i>This module may NOT be combined with any Geography and Environment module.</i></p>	

Science or Science-equivalent course count: Year 1: \_\_\_\_\_; Year 2: \_\_\_\_\_; Year 3: \_\_\_\_\_; Year 4: \_\_\_\_\_

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