

Name _____ Student # _____ As of _____



HONOURS DOUBLE MAJOR – BA or BSc

Check list updated September 2024

MAJOR IN GEOGRAPHIC INFORMATION SCIENCE (6.0 courses) + 2nd MAJOR

Requirements	Check List
<p>Admission Requirements</p> <p>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 <u>Geography</u> 1200A/B The Climate Emergency, 1300A/B Intro to the Physical Environment, 1400F/G Intro to the Human Environment, 1500F/G Environment & Development Challenges, 2131A/B Natural Environment, 2132A/B Digital Earth, 2133A/B Connecting for Climate Change Action (C4CCA), 2152F/G Geography of Hazards, 2153A/B Environment, Economy, & Society, <u>Environmental Science</u> 1021F/G Environmental Science & Sustainability plus 2.0 more courses, with no mark in these courses below 60%.</p> <p><input type="checkbox"/> 1.0 from Geog 1200A, 1300B, 1400G, 1500F, 2131B, 2132A/B, 2133B, 2152F/G, 2153A/B, Environmental Science 1021F/G _____</p> <p><input type="checkbox"/> 2.0 principal courses _____</p> <p><i>*You may take senior courses only if you have completed all 1st yr requirements or you are completing them concurrently.</i></p>	<p>Year I</p> <p><input type="checkbox"/> 5.0 courses numbered 1000-1999 in at least four different subjects.</p> <p><input type="checkbox"/> 1.0 course 1000-1999 from Arts OR Science</p> <p><input type="checkbox"/> 70% in 3.0 principal courses including 1.0 course from the admission list</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>1st Year PAVG: _____</p> </div> <p>Essential Module:</p> <p><input type="checkbox"/> 6.0 courses specified for the GIS Major; count so far _____</p> <p><input type="checkbox"/> 6.0 for the second major; count so far _____</p> <p>Essays:</p> <p><input type="checkbox"/> 2.0 designated essay courses including 1.0 at 2000 level or above.</p> <p>Breadth:</p> <p><input type="checkbox"/> 1.0 Category A – Social Science</p> <p><input type="checkbox"/> 1.0 Category B – Arts</p> <p><input type="checkbox"/> 1.0 Category C– Science</p> <p>Number of Courses:</p> <p><input type="checkbox"/> 20.0 courses with no failures; count so far _____</p> <p><input type="checkbox"/> No more than 7.0 1st yr courses; count so far _____</p> <p><input type="checkbox"/> 11.0 Science or Science-equivalent courses for the BSc; count so far _____</p> <p>Averages:</p> <p><input type="checkbox"/> 70% cumulative average in the Module</p> <p><input type="checkbox"/> 70% cumulative average in the second major</p> <p><input type="checkbox"/> 65% cumulative average on 20.0 courses successfully completed.</p> <p>Grades:</p> <p><input type="checkbox"/> Minimum mark of 60% for each course in the module</p> <p><input type="checkbox"/> Passing grade in each option</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Module AVG: _____</p> </div>
<p>Module Requirements</p> <p><input type="checkbox"/> 0.5: Geography 2210A/B Intro to Statistics for Geographers _____ <i>(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</i></p> <p><input type="checkbox"/> 1.0: Geography 2220A/B Geographic Information Science _____ 2230A/B Remote Sensing _____</p> <p><input type="checkbox"/> 1.0: Geography 2310A/B Weather and Climate _____ 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 & Environment _____ 2460F/G Introduction to Urban Development _____</p> <p><input type="checkbox"/> 1.5: Geography 3210A/B Geocomputation _____ 3211A/B Spatial Data Analysis _____ 3222A/B Geographic Information Science II _____</p> <p><input type="checkbox"/> 2.0: Computer Science 2034A/B Data Analytics: Principles and Tools _____ 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>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.</p> <p style="text-align: center;"><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.