

Name _____ As of _____



**BA or BSc 4 YEAR OR BA 3 YEAR
MAJOR IN GIS (6.0 courses)**

Requirements	Check List
<p>Admission Requirements Completion of 1st yr requirements*, including 1.0 course <u>Geography 1200A/B</u> 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 Climate Change, 2142A/B Geopolitics, 2152F/G Geography of Hazards, 2153A/B Environment, Economy, & Society, <u>Environmental Science 1021F/G</u> Environmental Science & Sustainability with a mark of at least 60% in each course 1.0 from Geography 1200A/B, 1300B, 1400G, 1500F, 2131A/B, 2132A/B, 2133B, 2142A/B, 2152F/G, 2153A/B, Environmental Science 1021F/G _____</p> <p>2. _____ 3. _____ 3. _____ 4. _____</p> <p><i>*You may take senior courses only if you have completed all 1st year 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 1001-1999 from Arts OR Science</p> <p><input type="checkbox"/> 60% in each course from the admission list</p> <p>Essential Module:</p> <p><input type="checkbox"/> 6.0 courses specified for the GIS Major; count so far _____</p> <p>Essays:</p> <p><input type="checkbox"/> 2.0 designated essay courses including 1.0 numbered 2000 or above</p>
<p>Module Requirements</p> <p><input type="checkbox"/> 0.5: Geography 2210A/B Intro to Statistics for Geographers _____ (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"/> 1.0: Geography 2220A/B Geographic Information Science I _____ 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 _____ 2420A/B Economic Geography _____ 2430A/B Public Health & Environment _____ 2460F/G Introduction to Urban Development _____</p> <p><input type="checkbox"/> 1.0: Geography 3211A/B Spatial Statistics _____ 3222A/B Geographic Information Science II _____</p> <p><input type="checkbox"/> 2.5: Computer Science 2034A/B Data Analytics: Principles and Tools _____ 2120 A/B Computing and Informatics for Life Sciences _____ <u>Geography 3210A/B Geocomputation</u> _____ 3223A/B Decision-Making with GIS _____ 3224A/B Spatial Ecology and GIS _____ 3225A/B Transportation Geography and GIS _____ 3226A/B Urban Data Science _____ 3231A/B Advanced Topics in Remote Sensing _____ 3414A/B Digital Technology, Society, and the Environment _____ 3421A/B Location Theory and Analysis _____ 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-Yr BSc: Geography 2131A/B, 2133A/B, 2210A/B, 2220A/B, 2230A/B, 2240A/B, 2310A/B, 2320A/B, 2330A/B, 3210A/B, 3211A/B, 3222A/B, 3223A/B, 3224A/B, 3226A/B, 3231A/B, 3311A/B, 3334A/B, 3341A/B, 3343A/B, 3350A/B, 3352A/B, 4901E</p> <p>This module may NOT be combined with any Geography and Environment module.</p>	<p>Breadth:</p> <p><input type="checkbox"/> 1.0 Category A course – Social Science</p> <p><input type="checkbox"/> 1.0 Category B course – Arts</p> <p><input type="checkbox"/> 1.0 Category C course – Science</p> <p>Number of Courses:</p> <p><input type="checkbox"/> 20.0 courses with no failures (for the 4 year BA or BSc); so far _____</p> <p><input type="checkbox"/> 15.0 courses with no failures (for the 3 year BA); count so far _____</p> <p><input type="checkbox"/> No more than 14.0 courses in a subject</p> <p><input type="checkbox"/> No more than 7.0 Year I courses; count so far _____</p> <p><input type="checkbox"/> 11.0 Science or Science-equivalent courses for the 4 year BSc; count so far _____</p> <p>Averages:</p> <p><input type="checkbox"/> 60% cumulative average in the Module</p> <p><input type="checkbox"/> 60% cumulative average in any additional module taken</p> <p><input type="checkbox"/> 60% cumulative average on 20.0 (or 15.0 for the BA 3 Year) courses successfully completed</p> <p>Grades:</p> <p><input type="checkbox"/> Passing grade in each option</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.