

Name _____

HONORS SPECIALIZATION IN GIS – BSc (10.0 courses)

Requirements	Check List
<p>Admission Requirements Completion of first year requirements*, including 1.0 course 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, and 3.0 courses from the Faculty of Science, not including Astronomy 1011A/B, 1021, Biology 1225, 1229A/B, 1290B, Chemistry 1027A/B, Computer Science 1011A/B, 1032A/B, 1033A/B, Earth Sciences 1086F/G, 1088F/G, 1089F/G, Mathematics 0110A/B, Physics 1021. Students must have an average of at least 70% in Geography and 2.0 courses from the Faculty of Science, with no mark in these principal courses below 60%.</p> <p>1. 1.0 from Geog 1100, 1300A/B, 1400F/G, 1500F/G, 2131A/B, 2153A/B _____</p> <p>2. Science _____ 3. Science _____</p> <p>4. Science _____ 5. _____</p> <p><i>*You may take senior courses only if you have completed all first 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"/> 3.0 courses from Science</p> <p><input type="checkbox"/> 70% in 3.0 principal courses including 1.0 course from Geog and 2.0 from Science</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;"> <p>1st Year PAVG: _____</p> </div>
<p>Module Requirements 0.5*: Geog 2210A/B Spatial Analysis (normally taken in Year 2) _____ <i>*In cases where an antirequisite statistics course has been taken instead, the module will be 9.5 courses.</i></p> <p>2.0: Geog 2122A/B Spatial Techniques _____ 2220A/B Geographic Information Science _____ 2230A/B Remote Sensing _____ 2240A/B Introductory Cartography _____</p> <p>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/Public Health and Environment _____ 2450F/G Introduction to Resource and Environmental Management _____ 2460F/G Introduction to Urban Development _____ 3250A/B Social Science Research Methods in Geography _____</p> <p>1.5: Geog 3210A/B Quantitative Analysis in Geography _____ (normally taken in year 3) 3211A/B Spatial Statistics _____ 3222A/B Geographic Information Science II _____</p> <p>1.5: Computer Science 2034A/B Data Analytics: Principles and Tools _____ 2120A/B Computing and Informatics for Life Sciences _____ <u>Earth Science 3323A/B Introduction to Geodesy & Remote Sensing</u> _____ 3350Y Advanced Field Mapping Techniques _____ <u>Geog 3221A/B Advanced Seminar in Geographic Information Science</u> _____ 3223A/B Decision-Making with GIS _____ 3231A/B Advanced Topics in Remote Sensing _____ 3260A/B Environmental Modeling with GIS and Remote Sensing _____ 3321A/B Advanced Biogeography _____ 3421A/B Location Theory and Analysis _____ 4220A/B GeoWeb and Geomedia _____</p> <p>1.0: Geog 3241A/B Advanced Cartography _____ 4000A/B The Nature & Philosophy of Geog _____</p> <p>2.5: in Geog at the 3000 level or above, with Geography 3000Y or 3001F/G strongly recommended. Students wishing to pursue Graduate Studies are encouraged to take Geog 4900E Thesis. Geog 3xxxA/B _____ Geog 3xxxA/B _____ Geog 3xxxA/B _____ Geog 3xxxA/B _____ Geog 3xxxA/B _____</p> <p>When taken within this module, the following Geog courses count towards meeting the requirement of 11.0 Science courses in a 4-Year BSc: Geography 2122A/B, 2131A/B, 2210A/B, 2220A/B, 2230A/B, 2240A/B, 2310A/B, 2320A/B 2330A/B, 3210A/B, 3211A/B, 3221A/B, 3222A/B, 3223A/B, 3231A/B, 3241A/B, 3260A/B, 3311A/B, 3312A/B, 3321A/B, 3331A/B, 3333A/B, 3334A/B, 3341A/B, 3342A/B, 3343A/B, 3350A/B, 3351A/B, 3352A/B, 4901E.</p>	<p>Essential Module:</p> <p><input type="checkbox"/> 10.0 courses specified for the Module</p> <p>Essays:</p> <p><input type="checkbox"/> 2.0 designated essay courses including 1.0 numbered 2000 or above</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</p> <p><input type="checkbox"/> No more than 14.0 courses in a subject</p> <p><input type="checkbox"/> No more than 7.0 first year courses.</p> <p><input type="checkbox"/> 11.0 Science or Science-equivalent courses</p> <p>Averages:</p> <p><input type="checkbox"/> 70% cumulative average in the Module</p> <p><input type="checkbox"/> 60% cumulative average in any additional Module taken</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-top: 10px;"> <p>Module AVG: _____</p> </div>

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