Requirements	Check List
Admission Requirements	**Year I**

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 <u>Geography</u> 1100 Fundamentals of Geography, 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</u> 1021F/G Environmental Science & Sustainability plus 2.0 more courses, with no mark in these courses below 60%.

1. 1.0 from Geog 1100, 1300B, 1400G, 1500F, 2131B, 2132A/B, 2133B, 2142A/B, 2152F/G, 2153A/B, Environmental Science 1021F/G   _____ _____

2. _____ _____   3. _____ _____

4. _____ _____   5. _____ _____

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

Check List – Year I

☐ 5.0 courses numbered 1000-1999 in at least four **different** subjects

☐ 1.0 course 1001-1999 from **Arts OR Science**

☐ 70% in 3.0 principal courses including 1.0 course from Geography

1st Year PAVG: _____

Module AVG: _____

Module Requirements

☐ **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)

☐ **1.5**: **Geography 2220A/B Geographic Information Science_____**
   2230A/B Remote Sensing _____
   2240A/B Introductory Cartography _____

☐ **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 _____

☐ **1.0**: **Geography 3211A/B Spatial Statistics _____**
   3222A/B Geographic Information Science II _____

☐ **2.0:** <u>Computer Science</u> 2034A/B Data Analytics: Principles and Tools _____
   2120A/B Computing and Informatics for Life Sciences _____
   <u>Geography</u> 3210A/B Geocomputation _____
   3223A/B Decision-Making with GIS _____
   3224A/B Spatial Ecology and GIS _____
   3231A/B Advanced Topics in Remote Sensing _____
   3260A/B Environmental Modeling with GIS and Remote Sensing _____
   3414A/B Digital Technology, Society, and the Environment _____
   3421A/B Location Theory and Analysis _____
   4220A/B GeoWeb and Geomedia _____

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 2210A/B, 2220A/B, 2230A/B, 2240A/B, 2310A/B, 2320A/B, 2330A/B. 3210A/B, 3211A/B, 3221A/B, 3222A/B, 3223A/B, 3224A/B, 3231A/B, 3260A/B, 3311A/B, 3333A/B, 3334A/B, 3341A/B, 3342A/B, 3343A/B, 3350A/B, 3352A/B, 4901E

Essential Module:
☐ **6.0** courses specified for the GIS Major; count so far_____
☐ **6.0** for the second major; count so far_____
Essays:
☐ 2.0 **designated essay** courses including 1.0 at 2000 level or above
Breadth:
☐ 1.0 **Category A** course – Social Science
☐ 1.0 **Category B** course – Arts
☐ 1.0 **Category C** course – Science
Number of Courses:
☐ **20.0** courses with no failures; count so far_____
☐ No more than **7.0** 1st yr courses; count so far_____
☐ **11.0 Science** or Science-equivalent courses for the BSc; count so far_____
Averages:
☐ **70%** cumulative average in the Module
☐ **70%** cumulative average in the second major
☐ **65%** cumulative average on 20.0 courses successfully completed
Grades:
☐ Minimum mark of **60%** for each course in the module
☐ **Passing grade** in each option

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.