Name________________________

HONORS SPECIALIZATION IN GIS – BA (10.0 courses)

<table>
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<th>Requirements</th>
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<td><strong>Admission Requirements</strong></td>
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| 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 from Geog 1100 Fundamentals of Geog, 1300A/B Intro to the Physical Environment, 1400F/G Intro to the Human Environment, 1500F/G Environment & Development Challenges, 2131A/B Natural Environment, 2153A/B Environment, Economy, & Society, Environmental Science 1021F/G Environmental Science and Sustainability plus 2.0 additional courses, with no mark in these principal courses below 60%. 1.0 from Geog 1100, 1300A/B, 1400F/G, 1500F/G, 2131A/B, 2153A/B, EnvSci 1021F/G _______ _________ 2. _________ _________ 3. _________ _________ 4. _________ _________ | □ 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 |
| **0.5*: Geog 2210A/B Spatial Analysis (normally taken in Year 2) _______** |  
*In cases where an antirequisite statistics course has been taken instead, the module will be 9.5 courses. |
| **1.0: Geog 2220A/B Geographic Information Science _____** |  
2230A/B Remote Sensing _____  
2240A/B Introductory Cartography _____ |  
1st Year PAVG: _____ |
| **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/B Public Health and Environment _____  
2450F/G Introduction to Resource and Environmental Management _____  
2460F/G Introduction to Urban Development _____ |  
Module AVG: _____ |
| **1.5: Geog 3210A/B Quantitative Analysis in Geography _____** |  
3211A/B Spatial Statistics _____  
3222A/B Geographic Information Science II _____ |  
| **1.5: Computer Science 2034A/B Data Analytics: Principles and Tools _____** |  
2120A/B Computing and Informatics for Life Sciences _____  
Geog 3221A/B Advanced Seminar in Geographic Information Science _____  
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 _____ |  
| **0.5: Geog 4000A/B The Nature and Philosophy of Geography _____** |  
3.5: 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 _______  
Geog 3xxxA/B _______ |  
|  |  |

Essential Module:
- □ 10.0 courses specified for the Module
- Essays:
- □ 2.0 designated essay courses including 1.0 numbered 2000 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
- □ No more than 14.0 courses in a subject
- □ No more than 7.0 first year courses
- Averages:
- □ 70% cumulative average in the Module
- □ 60% cumulative average in any additional Module taken
- □ 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

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