## Module and Graduation Planning

| First Year | 5.0 courses numbered 1000-1999, including 1.0 from Category A or B  
| 70% in required principal courses. No principal courses less than 60% |
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| Module Courses | 9.0 or more courses specified by Department  
| 70% cumulative average in HSP module with no mark below 60% |
| Essay | 2.0 E, F, G courses including 1.0 from 2000 level or above (essay courses must be done at Western) |
| Breadth | 1.0 Category A (Social Science, Interdisciplinary and Multidisciplinary, Various)  
| 1.0 Category B (Arts & Humanities and Languages)  
| 1.0 Category C (Science) |
| Courses | No more than 7.0 Year 1 courses, 13.0 minimum senior level |
| BSc degree | 4 year: 11.0 Science/BMSc courses (14.0 maximum in one subject area)* |
| Averages | 60% cumulative average in any additional Module taken  
| 65% cumulative average on 20.0 courses successfully completed |

*Subject Areas: Actuarial Science; Astronomy; Biology; Chemistry; Computer Science; Earth Sciences; Environmental Sciences; Physics; Statistical Sciences - are all separate subject areas. Courses in Applied Mathematics, Calculus and Mathematics belong to the same subject area – the subject area of mathematics.
### Honors Specialization In Environmental Geoscience

#### 10.5 Module Courses

#### Year 1: 5.0 Courses (3.0 Principal Courses)
- **1.0 course** from: Chemistry 1301A/B and 1302A/B
- **1.0 course** in: Biology 1001A or 1201A and 1002B or 1202B
- **1.0 course** from: Calculus 1000A/B or 1001A/B, Calculus 1301A/B or 1501A/B, Math 1600A/B, Stats 1024A/B; or Math 1225A/B and 1229A/B. This requirement must be completed by the end of second year.
- **2.0 elective courses** (Must do 1.0 of Category A or B requirement)

**Points to Consider:**
- Need a 70% average on the 3.0 principal courses listed above with no mark less than 60%

#### Year 2: 5.0 Courses
- **3.5 courses**: Earth Sciences 2200A/B, 2201A/B, 2206A/B, 2220A/B, 2230A/B, 2250Y, 2260A/B
- **1.5 elective courses**

**Points to Consider:**
- Earth Science 2250Y students must register prior to the Sept. ‘add’ deadline

#### Year 3: 5.0 Courses
- **1.5 courses**: Earth Sciences 3314A/B, 3340A/B, 3341A/B
- **0.5 course**: Chemistry 2210A/B
- **0.5 course** from: Biology 2244A/B, Stats 2244A/B
- **0.5 course**: Biology 2485B
- **0.5 course** from: Geography 2153A/B
- **1.5 elective courses**

#### Year 4: 5.0 Courses
- **0.5 course** from: Earth Sciences 4431A/B, 4440A/B, 4462A/B
- **1.0 course** from: Earth Sciences 4490E
- **1.0 course**: Environmental Science 3300F/G, 3350F/G
- **0.5 course** from: Biology 2217B, 2290F/G, 2404A, 2483A, 3220Z, 3435F/G, 3445F, 3446B, 4405F/G, Pharmacology 4630A
- **0.5 course** from: Political Science 2137, 2235E, Philosophy 2033A/B, Geography courses at the 2000 level or above, Biology 4243G
- **1.5 elective courses**

**Points to Consider:**
- If Political Science 2137 or 2235E is chosen the module will consist of 11.0 courses
- See back page for important information.

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**Notes:**
- You may have taken a former course that isn’t listed, because it isn’t offered anymore, but still meets the requirements of the degree – refer to the online academic calendar for the complete list of substitutions.
- Students should plan this module taking into account prerequisites of senior courses.
- The order of courses listed here is a recommendation only. It is possible to complete this module in a different order than what is listed here.

**Common Course Policy:**
To be considered if you are completing two modules with common courses. You are allowed to double count 1.0 credits toward both modules. Any remaining common courses are distributed between the two modules as evenly as possible and substituted with alternate courses. Please note, when choice exists in a module, courses are not considered common unless and until all choice is exhausted. For more information, see the Academic Counselling website or speak with an Academic Counsellor.