### YEAR 1

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### HONORS ENVIRONMENTAL GEOSCIENCE PROGRAM (YEARS 2-4)

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### Program 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%

**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

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*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.*
### 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.
- Geography courses will count towards your category A breadth requirement.
- Although only 1.5 category A or B courses are listed here, 1.0 from each category is required for graduation.

### Lists of additional courses required in 3rd or 4th year:

**Additional Course list:** Earth Sciences 3310A/B, 3371A/B, 3372A/B, 4431A/B, 4432A/B, 4460A/B

**Open Course list:** At least 1.0 at a senior level; the following are recommended for additional Geoscience background, but are not required: Earth Sciences 2266F/G, 3321A/B, 4450Y, 4470A/B, 4472A/B

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### Year 1: 5.0 Courses (3.0 Principal Courses)

- **1.0 course:** Chemistry 1301A/B and 1302A/B with an average of at least 60%
- **1.0 course** from: (Physics 1028A/B, 1301A/B, 1401A/B or 1501A/B) and (Physics 1029A/B, 1302A/B, 1402A/B or 1502A/B) with an average of at least 60%
- **0.5 course** from: Calculus 1000A/B, 1500A/B, or Math 1225A/B with a minimum mark of 60%
- **0.5 course** from: Earth Sciences 1022A/B, 1023A/B, 1070A/B, 1081A/B, or 1083F/G with a minimum mark of 60%
- **1.0 elective courses** from category A or B

**Points to Consider:**
- Need a 70% average on the 3.0 principal courses listed above

### Year 2: 5.5 Courses (Overload due to field course ES 2250Y)

- **4.0 courses:** Earth Sciences 2200A/B, 2201A/B, 2206A/B, 2220A/B, 2230A/B, 2250Y, 2260A/B, 2265A/B
- **0.5 elective course** from category A or B

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

### Year 3: 5.0 Courses

- **4.0 courses:** Earth Sciences 3313A/B, 3314A/B, 3315A/B, 3340A/B, 3341A/B, 3350Y, 3370A/B, Geography 2330A/B
- **1.0 course** from the Open Course list

**Points to Consider:**
- Earth Science 3350Y students must register prior to the Sept ‘add’ deadline

### Year 4: 5.0 Courses

- **2.5 courses:** Earth Sciences 3369A/B, 4440A/B, 4462A/B, 4490E
- **0.5 course** from: Geography 3350A/B, 3352A/B
- **1.0 courses** from the Additional Course list
- **1.0 course** from Open Course list

**Points to Consider:**
- See back page for important information and course lists.