

Degree Planning and Checklist WORKSHEET

YEAR 1	HONORS ENVIRONMENTAL GEOSCIENCE PROGRAM (YEARS 2-4)		
1a. Principal	6a. Required	11a. Required	16a. Required
1b. Principal	6b. Required	11b. Required	16b. Required
2a. Principal	7a. Required	12a. Required	17a. Required
2b. Principal	7b. Required	12b. Required	17b. Required
3a. Principal	8a. Required	13a. Required	18a. Required
3b. Principal	8b. Required	13b. Required	18b. Required
4a. Required	9a. Required	14a. Required	19a. Additional Course list
4b. Required	9b. Required	14b. Required	19b. Additional Course list
5a. Cat A or B	10a. Required+Required	15a. Open Course list	20a. Open Course list
5b. Cat A or B	10b. Cat A or B	15b. Open Course list	20b. Open Course list

**Program and Graduation Planning**

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

## **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 course** from: Applied Math 1201A/B, Biology 1001A, 1002B, 1201A, 1202B, Calculus 1301A/B, 1501A/B, Computer Science 1025A/B, 1026A/B, 1027A/B, Math 1600A/B, 1228A/B, 1229A/B, Stats 1023A/B, 1024A/B. This requirement must be completed by the end of second year
- **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
- **1.0 course** not chosen in 1st year from: Biology 1001A, 1002B, 1201A, 1202B, Computer Science 1025A/B, 1026A/B, 1027A/B, Calculus 1301A/B, 1501A/B, Math 1600A/B, 1228A/B, 1229A/B, Applied Math 1201A/B, Stats 1023A/B, 1024A/B, Earth Sciences 2222A/B, Geography 2210A/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.

## **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