

Degree Planning and Checklist WORKSHEET

YEAR 1		Specialization (YEARS 2-4)	
1a. Principal	6a. SP	11a. SP	16a. SP
1b. Principal	6b. SP	11b. SP	16b. SP
2a. Principal	7a. SP	12a. SP	17a. SP
2b. Principal	7b. SP	12b. SP	17b. SP
3a. Principal	8a. SP	13a. SP	18a. SP
3b. Principal	8b. SP	13b. SP	18b. SP
4a. elective	9a. SP	14a. SP	19a. SP
4b. elective	9b. elective	14b. elective	19b. elective
5a. Cat A or B	10a. elective	15a. elective	20a. elective
5b. Cat A or B	10b. elective	15b. elective	20b. elective
Module and Graduation Planning			
First Year	5.0 courses numbered 1000-1999, including 1.0 from Category A or B		
	No principal courses less than 60%		
Module Courses	9.0 courses (or more depending on module) specified by Department		
	60% cumulative average in specialization module		
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		
	60% 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.

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**: Biology 1001A or 1201A and 1002B or 1202B
- **1.0 course** from: Calculus 1000A/B or 1500A/B and one of Applied Math 1201A/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:

- The 3.0 principal courses, with no mark less than 60%, are listed above.

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

- **1.0 course** from: Earth Sciences 4431A/B, 4440A/B, 4462A/B
- **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, all Geography courses at the 2000 level or above, Biology 4243G
- **0.5 additional course** from: Earth Sciences 2240F/G, 2241A/B, 3320A/B, 3369A/B, 3370A/B, 4431A/B, 4440A/B, 4444A/B, 4462A/B, Civil and Environmental Engineering 4405A/B
- **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.

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.