

# Degree Planning and Checklist WORKSHEET

YEAR 1		HONORS SPECIALIZATION (YEARS 2-4)	
1a. Principal	6a. HSP	11a. HSP	16a. HSP
1b. Principal	6b. HSP	11b. HSP	16b. HSP
2a. Principal	7a. HSP	12a. HSP	17a. HSP
2b. Principal	7b. HSP	12b. HSP	17b. HSP
3a. Principal	8a. HSP	13a. HSP	18a. elective
3b. Principal	8b. HSP	13b. HSP	18b. elective
4a. elective	9a. HSP	14a. HSP	19a. elective
4b. elective	9b. HSP	14b. HSP	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		
	70% in required principal courses. No principal courses less than 60%		
Module Courses	9.0 or more courses specified by Biology		
	70% cumulative average in HSP module with no mark below 60%		
Essay	2.0 E, F, G, Z 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 Biology

### 10.0 Module courses

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

- Biology 1001A or 1201A and Biology 1002B or 1202B
- Chemistry 1301A/B and 1302A/B
- **0.5 course** from: Physics 1028A/B, 1301A/B or 1501A/B
- **1.0 course** from: Calculus 1000A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Math 1225A/B, 1228A/B, 1229A/B or 1600A/B, Stats 1024A/B, Applied Math 1201A/B. MATH 1225A/B can only be taken before AM 1201A/B, Calculus 1000A/B, 1301A/B, 1500A/B
- **1.5 elective courses** (Must do 1.0 of Category A or B requirement)

#### *Points to Consider:*

- Biology, Chemistry, and 1.0 course of your choosing are the principal courses. Need a 70% average on 3.0 principal courses and no mark less than 60%.
- If math requirement is not completed in first year, it must be completed by the end of second year.

#### **Year 2: 5.0 Courses**

- **2.5 courses:** Biochemistry 2280A, Biology 2290F/G, 2382A/B, 2483A/B, 2581A/B
- **0.5 course:** Chemistry 2213A/B
- **0.5 course:** Biology 2601A/B
- **0.5 course** from: Biology 2244A/B, Stats 2244A/B
- **1.0 elective course**

#### **Year 3: 5.0 Courses**

- **4.0 courses\*** at the 2200 level or above\*\*, chosen from the Department of Biology and the Basic Medical Sciences disciplines, of which at least 3.0 courses must be chosen from the Department of Biology. A maximum of 1.0 course may be at the 2200-2999 level and at least 1.5 of these courses must have a lab component.
- **1.0 elective course**

#### *Points to Consider:*

- \* This requirement should be spread between third and fourth year – adjust electives accordingly.
- \*\* Microbiology and Immunology 2500A/B and/or Pharmacology 2060A/B may be taken to satisfy this requirement. Courses in History of Science are not included.
- Many of the 4000 level Biology courses require the completion of 1.5 Biology courses at the 3000 level or above.
- Students may choose to do 3.0 of the 4.0 in 3<sup>rd</sup> year and the other 1.0 in 4<sup>th</sup> year.

#### **Year 4: 5.0 Courses**

- **1.5 courses** from any 4000 level Biology course
- **0.5 course** from: Biology 4920F/G, 4930F/G, 4931F/G, 4944F/G (Students in Biology 4999E can satisfy this requirement with any 4000 level Biology course)
- **3.0 elective courses**

#### *Points to Consider:*

- 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.