

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. HSP
3b. Principal	8b. HSP	13b. HSP	18b. HSP
4a. Principal	9a. HSP	14a. HSP	19a. elective
4b. Principal	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	
	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 Genetics and Biochemistry

10.0 Module Courses

Year 1: 5.0 Courses (4.0 Principal Courses)

- Biology 1001A or 1201A and Biology 1002B or 1202B
- Chemistry 1301A/B and 1302A/B
- **1.0 course** from: Physics 1028A/B or 1301A/B or 1501A/B, and Physics 1029A/B or 1302A/B or 1502A/B
- **1.0 course** from: Applied Math 1201A/B, 1413, Calculus 1000A/B, 1301A/B, 1500A/B, 1501A/B, Math 1225A/B, 1228A/B, 1229A/B or 1600A/B, Stats 1024A/B. MATH 1225A/B can only be taken before AM 1201A/B, Calculus 1000A/B, 1301A/B, 1500A/B.
- **1.0 elective courses** (Must do 1.0 of Category A or B requirement)

Points to Consider:

- Biology, Chemistry, Physics, and Math are the principal courses. Need a 70% average on 4.0 principal courses and no mark less than 60%.

Year 2: 5.0 Courses

- **0.5 course:** Biochemistry 2280A
- **1.5 courses:** Biology 2290F/G, 2382A/B, and 2581A/B
- **1.0 course:** Chemistry 2213A/B and 2223B
- **0.5 course** from: Biology 2244A/B, Stats 2244A/B
- **1.5 elective courses**

Points to Consider:

- Biochemistry 3381A requires a minimum mark of 65% in Biochemistry 2280A, and a minimum mark of 60% in Chemistry 2213A/B and 2223B.
- Biology 3596A/B requires a minimum mark of 70% in each of Biology 2581A/B and 2290F/G.

Year 3: 5.0 Courses

- **0.5 course:** Biology 3596A/B
- **1.5 courses:** Biochemistry 3380G, 3381A, 3382A
- **0.5 course** from: Biology 3466B, 3592A, 3593B
- **1.0 course** from: Biology 3594A, 3595A, 3597A/B, 3598A/B
- **1.5 elective courses**

Points to Consider:

- Students having a minimum mark of 70% in Biochemistry 2280A will be given priority in registration for Biochemistry 3380G.

Year 4: 5.0 Courses

- **1.5 courses** from: Biology 4289A/B, 4510F/G, 4540G, 4560B, 4561F, 4562B, 4970F/G
- **1.0 course:** Biochemistry 4410A and 4420A
- **0.5 course** from: Biochemistry 4415B, 4450A, 4463G
- **2.0 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.