

Degree Planning and Checklist WORKSHEET

| YEAR 1 | Major (3 year and 4** year) | | |
|----------------|-----------------------------|---------------|-----------------|
| 1a. Principal | 6a. major | 11a. major | 16a**. elective |
| 1b. Principal | 6b. major | 11b. major | 16b**. elective |
| 2a. Principal | 7a. major | 12a. major | 17a**. elective |
| 2b. Principal | 7b. major | 12b. major | 17b**. elective |
| 3a. Principal | 8a. major | 13a. major | 18a**. elective |
| 3b. Principal | 8b. major | 13b. elective | 18b**. elective |
| 4a. elective | 9a. major | 14a. elective | 19a**. elective |
| 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 | 6.0 courses specified by Biology | |
| | 60% cumulative average in major module. | |
| 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)* 3 year: 8.0 Science/BMSc courses (9.0 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.

Major In Biology

6.0 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 (minimum mark of 60%), Chemistry, and 1.0 course of your choosing are the principal courses.
- If math requirement is not completed in first year, it must be completed by the end of second year.

Year 2: 5.0 Courses

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

Points to Consider:

- Biology 2483A/B & 2601A/B could be changed depending upon required prerequisites for 4th year

Year 3/Year 4: 5.0 Courses (3yr Degree) / 10.0 Courses (4yr Degree)

- **0.5 course:** Biology 2601A/B
- **1.5 additional courses** at the 2200 level or above in Biology.
- **0.5 additional course** at the 2200 level or above* chosen from either the Department of Biology or one of the Basic Medical Sciences disciplines.
- **2.5 elective courses (3 year degree) / 7.5 elective courses (4 year degree)**

Points to Consider:

- * Pharmacology 2060A/B may be taken to satisfy this requirement. Courses in History of Science are not included.
- Students registered in an honors double major degree must complete a minimum of 1.0 at the 3000 level for each module.
- Physiology 2130 can be taken instead of Bio 2601A/B. However, students must make up the 0.5 course represented by 2601A/B with an alternate Biology course from the 2200 level or above.
- 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.