## Degree Planning and Checklist WORKSHEET

### Subject Areas:
Actuarial Science; Astronomy; Biology; Chemistry; Computer Science; Earth Sciences; Environmental Sciences; Physics; Statistical Sciences - all separate subject areas.

Courses in Applied Mathematics, Calculus and Mathematics belong to the same subject area – the subject area of mathematics.

### 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 Department.

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

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REFER TO THE OFFICIAL ACADEMIC CALENDAR ONLINE - [WWW.WESTERNCALENDAR.UWO.CA](http://WWW.WESTERNCALENDAR.UWO.CA)
Major In Chemistry
6.0 Module Courses

Year 1: 5.0 Courses (3.0 Principal Courses)
- 1.0 course from: Chemistry 1301A/B and Chemistry 1302B or Integrated Science 1001X
- 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: Calculus 1000A/B, 1500A/B and one of Applied Math 1201A/B, Applied Math 1413, Calculus 1301A/B, 1501A/B, Math 1600A/B, Math 1225A/B or 1229A/B. MATH 1225A/B can only be taken before AM1201A/B, Calculus 1000A/B, 1301A/B, 1500A/B.
- 2.0 elective courses (Must do 1.0 of Category A or B requirement)

Points to Consider:
- Chemistry, Physics, and Math are included in the 3.0 principal courses, with no mark less than 60% in any course.
- Those interested in the Honors Biochemistry and Chemistry module must also include Biology 1001A and 1002B with a mark of at least 60%.

Year 2: 5.0 Courses
- 2.0 courses: Chemistry 2271A, 2273A, 2281G, 2283G
- 3.0 elective courses

Year 3: 5.0 Courses
- 2.0 courses: Chemistry 2272F, 2374A, 2384B, 3370A/B
- 3.0 elective courses

Year 4: 5.0 Courses
- 2.0 courses: Chemistry 3371F, 3372F/G, 3373F, 3374A/B
- 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.