### Degree Planning and Checklist WORKSHEET

**Common Course Policy:** Occurs if you are in completing two modules with common courses. You are allowed to double count 1.0 credits toward both modules. Any remaining common courses are completed by distributing between the two modules as evenly as possible.

*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.

**REFER TO THE OFFICIAL ACADEMIC CALENDAR ONLINE - WWW.WESTERNCALENDAR.UWO.CA**

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**YEAR 1**

<table>
<thead>
<tr>
<th>1a. Principal</th>
<th>6a. major</th>
<th>11a. major</th>
<th>16a**. major</th>
</tr>
</thead>
<tbody>
<tr>
<td>1b. Principal</td>
<td>6b. major</td>
<td>11b. major</td>
<td>16b**. major</td>
</tr>
<tr>
<td>2a. Principal</td>
<td>7a. major</td>
<td>12a. major</td>
<td>17a**. major</td>
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<tr>
<td>2b. Principal</td>
<td>7b. major</td>
<td>12b. major</td>
<td>17b**. major</td>
</tr>
<tr>
<td>3a. Principal</td>
<td>8a. elective</td>
<td>13a. elective</td>
<td>18a**. elective</td>
</tr>
<tr>
<td>3b. Principal</td>
<td>8b. elective</td>
<td>13b. elective</td>
<td>18b**. elective</td>
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<tr>
<td>4a. elective</td>
<td>9a. elective</td>
<td>14a. elective</td>
<td>19a**. elective</td>
</tr>
<tr>
<td>4b. elective</td>
<td>9b. elective</td>
<td>14b. elective</td>
<td>19b**. elective</td>
</tr>
<tr>
<td>5a. Cat A or B</td>
<td>10a. elective</td>
<td>15a. elective</td>
<td>20a**. elective</td>
</tr>
<tr>
<td>5b. Cat A or B</td>
<td>10b. elective</td>
<td>15b. elective</td>
<td>20b**. elective</td>
</tr>
</tbody>
</table>

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**Major (3 year and 4** **year)**

### Module and Graduation Planning

**First Year**

- 5.0 courses numbered 1000-1999, including 1.0 from Category A or B
- No principle courses less than 60%

**Module Courses**

- 6.0 courses specified by Department.
- 60% cumulative average in major 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)* 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
# Major In Mathematics

## 6.0 Module Courses

### Year 1: 5.0 Courses (3.0 Principal Courses)
- 0.5 course from: Calculus 1000A/B, 1500A/B
- 0.5 course from: Calculus 1501A/B is recommended or (Calculus 1301A/B with a mark of at least 85%).
- 2.0 additional principal courses
- 2.0 elective courses (Must do 1.0 of Category A or B requirement)

### Points to Consider:
- Calculus and 2.0 other courses of your choosing, with no mark less than 60%, are included in the 3.0 principal courses. Need a 70% average on 3.0 principal courses.
- If Math 1600A/B and Math 1120A/B are taken in first year, it will count toward the 3.0 principal courses.
- Math 1600A/B and Math 1120A/B are recommended.
- Math 1600A/B with a minimum mark of 60% must be completed prior to Math 2120A/B

### Year 2: 5.0 Courses
- 2.0 courses (from 2.5 courses): Calculus 2502A/B, 2503A/B, Math 2120A/B, 2122A/B
- 3.0 elective courses

### Year 3: 5.0 Courses
- 0.5 course (from 2.5 courses): Math 3020A/B
- 1.5 additional courses in Mathematics, Applied Mathematics, or Statistical Sciences at the 2100 level or above
- 3.0 elective courses

### Year 4: 5.0 Courses
- 2.0 additional courses from: Mathematics 2156A/B and Mathematics courses at the 3000 level or above
- 3.0 elective courses

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**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. The courses listed are based on the current course offerings.)