### Degree Planning and Checklist WORKSHEET

#### YEAR 1

<table>
<thead>
<tr>
<th>1a. Principal</th>
<th>6a. HSP</th>
<th>11a. HSP</th>
<th>16a. HSP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1b. Principal</td>
<td>6b. HSP</td>
<td>11b. HSP</td>
<td>16b. HSP</td>
</tr>
<tr>
<td>2a. Principal</td>
<td>7a. HSP</td>
<td>12a. HSP</td>
<td>17a. HSP</td>
</tr>
<tr>
<td>2b. Principal</td>
<td>7b. HSP</td>
<td>12b. HSP</td>
<td>17b. HSP</td>
</tr>
<tr>
<td>3a. Principal</td>
<td>8a. HSP</td>
<td>13a. HSP</td>
<td>18a. HSP</td>
</tr>
<tr>
<td>3b. Principal</td>
<td>8b. HSP</td>
<td>13b. elective</td>
<td>18b. HSP</td>
</tr>
<tr>
<td>4a. elective</td>
<td>9a. elective</td>
<td>14a. elective</td>
<td>19a. HSP</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>

#### 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

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

- 70% in required principal courses. No principle courses less than 60%

**Module Courses**

9.0 or more courses specified by Department.

- 70% cumulative average in HSP module with no mark below 60%

**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)*

**Averages**

60% cumulative average in any additional Module taken

65% cumulative average on 20.0 courses successfully completed

---

Refer to the official academic calendar online - [WWW.WESTERNCALENDAR.UWO.CA](http://WWW.WESTERNCALENDAR.UWO.CA)
Honors Specialization In Mathematics In Society

9.0 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

- 2.5 courses (from 3.5 courses) from: Calculus 2502A/B, 2503A/B, Math 2120A/B, Math 2122A/B, 2155F/G

Points to Consider:
- It is strongly recommended that Math 2122A/B be completed in the year of entry into the module.

Year 3: 5.0 Courses

- 1.0 course (from 3.5 courses not already taken): Math 3020A/B, 3150A/B

Points to Consider:
- Students intending to pursue graduate studies in Pure Math should take the Honors Specialization in Mathematics module.

Year 4: 5.0 Courses

- 3.0 courses from: Actuarial Science, Applied Math, Computer Science, Math, or Stats courses, at the 2100 level or above.

Points to Consider:
- Students intending to pursue graduate studies in Pure Math should take the Honors Specialization in Mathematics module.

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.)