### Degree Planning and Checklist WORKSHEET

**YEAR 1**

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<table>
<thead>
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<tbody>
<tr>
<td>1a. Principal</td>
<td>6a. HSP</td>
<td>11a. HSP</td>
</tr>
<tr>
<td>1b. Principal</td>
<td>6b. HSP</td>
<td>11b. HSP</td>
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<tr>
<td>2a. Principal</td>
<td>7a. HSP</td>
<td>12a. HSP</td>
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<tr>
<td>2b. Principal</td>
<td>7b. HSP</td>
<td>12b. HSP</td>
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<tr>
<td>3a. Principal</td>
<td>8a. HSP</td>
<td>13a. HSP</td>
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<tr>
<td>3b. Principal</td>
<td>8b. HSP</td>
<td>13b. HSP</td>
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<tr>
<td>4a. elective</td>
<td>9a. elective</td>
<td>14a. elective</td>
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<tr>
<td>4b. elective</td>
<td>9b. elective</td>
<td>14b. elective</td>
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<tr>
<td>5a. Cat A or B</td>
<td>10a. elective</td>
<td>15a. elective</td>
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<tr>
<td>5b. Cat A or B</td>
<td>10b. elective</td>
<td>15b. elective</td>
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**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**
- 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

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*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

(August 2016)
# Honors Specialization In Mathematical Sciences

## 9.0 Module Courses

### Year 1:

**5.0 Courses (3.0 Principal Courses)**

- **0.5 course** from: Calculus 1000A/B or 1500A/B
- **0.5 course** from: Calculus 1501A/B or Calculus 1301A/B
- **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 are included in the 3.0 principal courses. Need a 70% average on 3.0 principal courses with no mark less than a 60%.
- Applied Math 1413 may be substituted for 1.0 Calculus course requirement.
- Math 1600A/B or Applied Math 1411A/B with a minimum mark of 60% is normally taken in year 1. If not taken in year 1, it must be taken in first term in year 2.
- Stats 1023A/B is recommended.

### Year 2:

**5.0 Courses**

- **0.5 course** from: Applied Math 2811B, Math 2120A/B
- **0.5 course**: Applied Math 2814F/G
- **1.0 course**: Calculus 2502A/B, 2503A/B
- **0.5 course**: Applied Math 2402A
- **0.5 course**: Math 2124A/B
- **2.0 elective courses**

### Year 3:

**5.0 Courses**

- **1.0 course**: Stats 2857A/B or the former 2657A, Stats 2858A/B
- **0.5 course** from: Applied Math 3811A/B or Math 3124A/B
- **2.0 elective courses**

### Year 4:

**5.0 Courses**

- **0.5 course** from: Stats 3657A/B
- **2.0 additional courses** from either Group A or Group B.
- **2.0 elective courses**

**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.

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* May be offered only in odd-numbered academic years.
** May be offered only in even-numbered academic years.