# Degree Planning and Checklist WORKSHEET

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

## YEAR 1

<table>
<thead>
<tr>
<th>1a. Principal</th>
<th>6a. HSP</th>
<th>11a. HSP</th>
<th>16a. HSP</th>
<th>65% cumulative average on 20.0 courses successfully completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1b. Principal</td>
<td>6b. HSP</td>
<td>11b. HSP</td>
<td>16b. HSP</td>
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<tr>
<td>2a. Principal</td>
<td>7a. HSP</td>
<td>12a. HSP</td>
<td>17a. HSP</td>
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<tr>
<td>2b. Principal</td>
<td>7b. HSP</td>
<td>12b. HSP</td>
<td>17b. HSP</td>
<td></td>
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<tr>
<td>3a. Principal</td>
<td>8a. HSP</td>
<td>13a. HSP</td>
<td>18a. HSP</td>
<td></td>
</tr>
<tr>
<td>3b. Principal</td>
<td>8b. HSP</td>
<td>13b. HSP</td>
<td>18b. elective</td>
<td></td>
</tr>
<tr>
<td>4a. elective</td>
<td>9a. HSP</td>
<td>14a. HSP</td>
<td>19a. elective</td>
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<tr>
<td>4b. elective</td>
<td>9b. HSP</td>
<td>14b. HSP</td>
<td>19b. elective</td>
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<tr>
<td>5a. Cat A or B</td>
<td>10a. elective</td>
<td>15a. elective</td>
<td>20a. elective</td>
<td></td>
</tr>
<tr>
<td>5b. Cat A or B</td>
<td>10b. elective</td>
<td>15b. elective</td>
<td>20b. elective</td>
<td></td>
</tr>
</tbody>
</table>

## 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

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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.*

(August 2016)
### Honors Specialization In Actuarial Science

#### 10.5 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 (with a mark of at least 85%)
- 0.5 course: Math 1600A/B
- 1.0 course: Economics 1021A/B and 1022A/B
- 0.5 additional principal course
- 2.0 elective courses (Must do 1.0 of Category A or B requirement)

**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

**Points to Consider:**
- Calculus, Math, Economics, and 0.5 other course 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%.
- Economics 1021A/B and 1022A/B, if not taken in first year, must be completed in one of the upper years in the program.
- Applied Math 1413 may be substituted for 1.0 Calculus course requirement.
- Applied Math 1411A/B may be substituted for Math 1600A/B. Math 1600A/B or Applied Math 1411A/B, if not taken in year 1, it must be taken prior to the second term of year 2.
- Recommended (but not required) first year courses: Actuarial Science 1021A/B, Business 1220E, Philosophy 1200.

#### Year 2: 5.0 Courses
- 1.0 course: Actuarial Science 2553A/B, 2427B
- 1.0 course: FM2555A/B, FM2557A/B
- 1.0 course: Calculus 2402A/B, Stats 2503A/B
- 1.5 course: Stats 2857A/B, Stats 2858A/B, Stats 2864A/B (could be taken in 3rd year)*
- 0.5 elective course

**Points to Consider:**
- Calculus 2402A/B may be replaced by either (Calculus 2502A/B and Calculus 2503A/B) or (Calculus 2502A/B and Math 2123A/B). When such a replacement occurs, the module will include 11.0 courses.
- *Stats 2864A/B requires a 60% in Stats 2857A/B.

#### Year 3: 5.0 Courses
- 2.0 courses: Stats 3657A/B, 3843A/B, 3858A/B, 3859A/B
- 0.5 course: FM3520A/B
- 1.0 course: Actuarial Science 3429A/B, 3431A/B
- 1.5 elective course

#### Year 4: 5.0 Courses
- 0.5 course: Actuarial Science 4426F/G
- 0.5 course: Stats 4861A/B
- 0.5 course from: Actuarial Science 3424A/B or 4824A/B (if not taken in 3rd year)
- 1.0 course in Actuarial Science at the 4000 level or any other course at the 4000 level approved by the Department of Stats and Actuarial Science.
- 2.5 elective courses

**Points to Consider:**
- FM 4521A/B is highly recommended.