### Degree Planning and Checklist WORKSHEET

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>Specialization (YEARS 2-4)</th>
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<tbody>
<tr>
<td>1a. Principal</td>
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<tr>
<td>1b. Principal</td>
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<td>3b. Principal</td>
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<tr>
<td>4a. elective</td>
<td>9a. elective</td>
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<tr>
<td>4b. elective</td>
<td>9b. elective</td>
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<td>5a. Cat A or B</td>
<td>10a. elective</td>
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<tr>
<td>5b. Cat A or B</td>
<td>10b. elective</td>
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<td>6a. SP</td>
<td>11a. SP</td>
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<td>20a. elective</td>
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<td>20b. 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
- No principal courses less than 60%

**Module Courses**
- 9.0 courses (or more depending on module) specified by Department.
- 60% cumulative average in specialization 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)*

**Averages**
- 60% cumulative average in any additional Module taken
- 60% 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](http://WWW.WESTERNCALENDAR.UWO.CA)  
(August 2016)
## Specialization in Computer Science

### 9.0 Module Courses

**Year 1:** 5.0 Courses (2.0 Principal Courses)
- **0.5 course** from: Computer Science 1025A/B or 1026A/B or Engineering Science 1036A/B
- **0.5 course** from: Computer Science 1027A/B or 1037A/B (in either case with a mark of at least 65%)
- **1.0 course** from: Applied Math 1201A/B or 1413, Calculus 1000A/B, 1301A/B, 1500A/B or 1501A/B, Math 1600A/B
- **3.0 elective courses** (Must do 1.0 of Category A or B requirement)

### Points to Consider:
- Computer Science and Math, with no mark less than a 60%, are included in the 2.0 principal courses.
- The Specialization in Computer Science leads to a Computer Science degree that is accredited by the Computer Science Accreditation Council, the academic arm of the Canadian Information Processing Society. This specialization, in combination with the department’s Minor in Software Engineering, leads to a degree that is accredited by CSAC as a Software Engineering degree.

**Year 2:** 5.0 Courses
- **2.5 courses:** Computer Science 2208A/B, 2209A/B, 2210A/B, 2211A/B, 2212A/B/Y
- **0.5 course** from: Computer Science 2214A/B or Math 2155F/G
- **2.0 elective courses**

**Year 3:** 5.0 Courses
- **2.0 courses:** Computer Science 3305A/B, 3307A/B/Y, 3331A/B, 3342A/B
- **0.5 course:** Writing 2101F/G – could be done in 2nd year
- **0.5 additional course** in Computer Science at the 3000 level
- **2.0 elective courses**

**Year 4:** 5.0 Courses
- **0.5 course:** Computer Science 3350A/B
- **1.5 additional course** in Computer Science at the 4000 level
- **0.5 additional course** from: Math 2156A/B, Computer Science courses at the 3000 level or above.
- **0.5 course** from: Stats 2141A/B, 2244A/B, 2857A/B, 2657A, Biology 2244A/B
- **2.0 elective courses**

**Please Note This Important Point:**
- Students completing this Specialization must include at least 5.0 courses offered by departments other than Computer Science, Applied Math, Math, and Stats and Actuarial Sciences in order to graduate.

**Points to Consider:**
- See back page for important information.