# Degree Planning and Checklist WORKSHEET

**YEAR 1**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Major (3 year and 4** year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a. Principal</td>
<td>6a. major</td>
<td>11a. major</td>
</tr>
<tr>
<td>1b. Principal</td>
<td>6b. major</td>
<td>11b. major</td>
</tr>
<tr>
<td>2a. Principal</td>
<td>7a. major</td>
<td>12a. major</td>
</tr>
<tr>
<td>2b. Principal</td>
<td>7b. major</td>
<td>12b. major</td>
</tr>
<tr>
<td>3a. Principal</td>
<td>8a. major</td>
<td>13a. major</td>
</tr>
<tr>
<td>3b. Principal</td>
<td>8b. elective</td>
<td>13b. elective</td>
</tr>
<tr>
<td>4a. elective</td>
<td>9a. elective</td>
<td>14a. elective</td>
</tr>
<tr>
<td>4b. elective</td>
<td>9b. elective</td>
<td>14b. elective</td>
</tr>
<tr>
<td>5a. Cat A or B</td>
<td>10a. elective</td>
<td>15a. elective</td>
</tr>
<tr>
<td>5b. Cat A or B</td>
<td>10b. elective</td>
<td>15b. elective</td>
</tr>
</tbody>
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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**

- 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

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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.*

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REFER TO THE OFFICIAL ACADEMIC CALENDAR ONLINE - [WWW.WESTERNCALENDAR.UWO.CA](http://WWW.WESTERNCALENDAR.UWO.CA) (August 2016)
# Degree Planning and Checklist

**WORKSHEET**

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

(August 2016)

## 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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### Major in Physics

**6.0 Module Courses**

#### Year 1: 5.0 Courses (3.0 Principal Courses)

- **1.0 course** from: Physics 1301A/B, 1401A/B, 1501A/B or 80% in Physics 1028A/B and Physics 1302A/B, 1402A/B, 1502A/B or 80% in Physics 1029A/B
- **1.0 course** from: Calculus 1000A/B, 1500A/B and Calculus 1501A/B (recommended) or Calculus 1301A/B (with a mark of at least 85%); or Applied Math 1413
- **1.0** additional course, at least 0.5 of which must be from the Faculty of Science
- **2.0 elective courses**

**Points to Consider:**

Students must complete Math 1600A/B with a minimum mark of 55% by the end of Term 1 in Year 2

#### Year 2: 5.0 Courses

- **0.5 course** from: Calculus 2502A/B (preferred) or Calculus 2302A/B
- **0.5 course** from: Calculus 2503A/B (preferred) or Calculus 2303A/B
- **0.5 course**: Applied Math 2402A
- **1.0 course**: Physics 2101A/B, 2102A/B
- **2.5 elective courses**

#### Year 3: 5.0 Courses

- **1.0 course**: Physics 2110A/B and 2910F/G
- **1.0 course** from: Astronomy 2201A/B, 2801A/B, Physics 2600A/B, 2810A/B, the former Physics 2700A/B, 2800, the former Materials Science 2800
- **0.5 course** from: Physics 3900F/G/Z, 3926F/G
- **2.5 elective courses**

#### Year 4: 5.0 Courses

- **1.0 course** from: Physics 3151A/B, 3200A/B, 3300A/B, 3400A/B
- **4.0 elective courses**

*Students must also complete Physics 2950Y, 3950Y (non-credit seminar courses)*

**Points to Consider:**

- The above courses may have prerequisites not included in the module.
- See back page for important information.