

## Degree Planning and Checklist WORKSHEET

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

REFER TO THE OFFICIAL ACADEMIC CALENDAR ONLINE - [WWW.WESTERNCALENDAR.UWO.CA](http://WWW.WESTERNCALENDAR.UWO.CA)
**Major in Astrophysics**

**6.0 Module Courses**

**Year 1:** 5.0 Courses (2.0 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: One of Calculus 1000A/B, 1500A/B AND one of Calculus 1501A/B (recommended) or Calculus 1301A/B (with a mark or at least 85%); or Applied Math 1413
- 3.0 elective courses

**Points to Consider:**
- Need a mark of at least 60% on the above 2.0 courses
- Students must complete Mathematics 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: either Astronomy 2201A/B or 2801A/B
- 1.0 course: Calculus 2502A/B, 2503A/B
- 0.5 course: Applied Math 2402A
- 1.0 course: Physics 2101A/B, 2102A/B (pre-req for Astro 3302, 3303)
- 2.0 elective courses
  - Physics 2950Y (non-credit seminar course)

**Year 3:** 5.0 Courses
- 0.5 course: One of Astronomy 3302A/B or 3303A/B (These are offered in alternate years)
- 1.0 courses: Physics 2110A/B and 2910F/G
- 3.5 elective courses (highly recommended but not required: the remaining Astro 2201 or 2801)
  - Physics 3950Y (non-credit seminar course)

**Year 4:** 5.0 Courses
- 0.5 course: Astronomy 3302A/B or 3303A/B (whichever one that was not taken in Year 3)
- 1.0 course from: Applied Math 2814F/G, Physics 3900F/G/Z, 3926F/G
- 3.5 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.