### Degree Planning and Checklist WORKSHEET

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th></th>
<th>Minor*</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1a. Principal</td>
<td>6a. minor</td>
<td>11a.</td>
<td>16a.</td>
</tr>
<tr>
<td>1b. Principal</td>
<td>6b. minor</td>
<td>11b.</td>
<td>16b.</td>
</tr>
<tr>
<td>2a. Principal</td>
<td>7a. minor</td>
<td>12a.</td>
<td>17a.</td>
</tr>
<tr>
<td>2b. Principal</td>
<td>7b. minor</td>
<td>12b.</td>
<td>17b.</td>
</tr>
<tr>
<td>3a.</td>
<td>8a. minor</td>
<td>13a.</td>
<td>18a.</td>
</tr>
<tr>
<td>3b.</td>
<td>8b. minor</td>
<td>13b.</td>
<td>18b.</td>
</tr>
<tr>
<td>4a.</td>
<td>9a. minor</td>
<td>14a.</td>
<td>19a.</td>
</tr>
<tr>
<td>4b.</td>
<td>9b. minor</td>
<td>14b.</td>
<td>19b.</td>
</tr>
<tr>
<td>5a. Cat A or B</td>
<td>10a.</td>
<td>15a.</td>
<td>20a.</td>
</tr>
<tr>
<td>5b. Cat A or B</td>
<td>10b.</td>
<td>15b.</td>
<td>20b.</td>
</tr>
</tbody>
</table>

*A Minor must be combined with another Minor or a Major in order to meet graduation requirements of a 3 year (15 credits) or 4 year degree (20 credits)

### 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**
- 4.0 courses specified by Department.
- 60% cumulative average in minor module.

**Essay**
- 2.0 E, F, G, Z 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)  
(August 2016)
## Minor In Chemistry

### 4.0 Module Courses

**Admission Requirements:**
- **1.0 course** from: Chemistry 1301A/B and 1302A/B (with an average of at least 60%)
- **1.0 course** from: Calculus 1000A/B, 1500A/B and one of Applied Math 1201A/B, Applied Math 1413, Calculus 1301A/B, 1501A/B, Math 1600A/B, Math 1225A/B or 1229A/B. MATH 125A/B can only be taken before AM 1201A/B, Calculus 1000A/B, 1301A/B, 1500A/B.

**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.

**Points to Consider:**
- This minor cannot be taken in combination with any other module offered by the Department of Chemistry.

### Year 2:
- **2.0 courses:** Chemistry 2211A/B, 2213A/B, 2214A/B, 2272F

### Year 3:
- **1.0 course:** Chemistry 2210A/B, 2223B, 3320A/B, 3330F/G, 3364A/B, 3370A/B, 3393A/B

### Year 4:
- **1.0 course** (not taken above): Chemistry 2210A/B, 2223B, 3320A/B, 3330F/G, 3364A/B, 3370A/B, 3393A/B

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