**Common Course Policy:** Occurs if you are in completing two modules with common courses. You are allowed to double count 1.0 credits toward both modules. Any remaining common courses are completed by distributing between the two modules as evenly as possible.

*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)

### Module and Graduation Planning

<table>
<thead>
<tr>
<th>First Year</th>
<th>Major (4year)</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>
</tr>
<tr>
<td>2b. Principal</td>
<td>7b. major</td>
</tr>
<tr>
<td>3a. Principal</td>
<td>8a. major</td>
</tr>
<tr>
<td>3b. Principal</td>
<td>8b. major</td>
</tr>
<tr>
<td>4a. elective</td>
<td>9a. major</td>
</tr>
<tr>
<td>4b. elective</td>
<td>9b. major</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>
</table>

**Module Courses:**
- 5.0 courses numbered 1000-1999, including 1.0 from Category A or B
- No principle courses less than 60%
- 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
- 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

(October 2014)
## Major In Genetics

### 6.0 Module Courses

#### Year 1: 5.0 Courses (3.0 Principal Courses)
- Biology 1001A or 1201A and Biology 1002B or 1202B
- Chemistry 1301A/B and 1302A/B
- **0.5 course** from: Physics 1028A/B, 1301A/B or 1501A/B
- **1.0 course** from: Calculus 1000A/B or 1500A/B, Calculus 1301A/B or 1501A/B, Math 1225A/B, 1228A/B, 1229A/B or 1600A/B, Stats 1024A/B, Applied Math 1201A/B
- **1.5 elective courses** (Must do 1.0 of Category A or B requirement)

**Points to Consider:**
- Biology (minimum mark of 60%), Chemistry, and 1.0 course of your choosing are the principal courses.
- If math requirement is not completed in first year, it must be completed by the end of second year.

#### Year 2: 5.0 Courses
- **0.5 course:** Biochemistry 2280A
- **1.5 courses:** Biology 2290F/G, 2382B, 2581B
- **0.5 course** from: Biology 2244A/B, Stats 2244A/B
  
  Students may substitute Stats 2035 or Psychology 2810 for this 0.5 course.
- **2.5 elective courses**

**Points to Consider:**
- If students take Stats 2035 or Psychology 2810 instead of Biology 2244A/B or Stats 2244A/B the module becomes 6.5 courses.

#### Year 3/Year 4: 10.0 Courses
- ★ **1.5 courses** (not already taken) from: Biology 3466B, 3592A, 3593B, 3594A, 3595A, 3597A/B
- ★ **6.5 elective courses**

**Must be taken in year 3:**
- **0.5 course:** Biology 3596A/B
- **0.5 course** from: Biology 3594A, 3595A, 3597A/B

**Must be taken in year 4:**
- **1.0 course** from: Biology 4289A/B, 4540G, 4560B, 4561F, 4562B, Microbiology and Immunology 4700B

**Points to Consider:**
- Biology 3596A/B requires a minimum mark of 70% in each of Biology 2581B and 2290F/G.
- Biology 3595A requires a minimum mark of 70% in Biology 2581B.
- A degree containing this module normally requires 4 years to complete.
- ★ These courses can be taken in 3rd and/or 4th year.

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**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. The courses listed are based on the current course offerings.)