### Admission Requirements
- Complete first year (5.0 courses) with no failures.
- Minimum average of 70% on 3.0 principal courses with no mark less than 60% in any of the 3.0 principal courses.

### Graduation Requirements

#### Breadth Requirement:
- At least 1.0 course from each of Category A, B, and C as listed in the Academic Calendar.

#### Essay Requirement:
- 2.0 essay courses (1.0 must be senior course). Note that any modular essay course taken can be used towards this requirement.

#### Senior Courses:
- 13.0 senior courses (numbered 2000-4999) for a 4 yr degree.

### Graduation Requirements (cont.)

#### Average Requirements:
- Minimum overall average of 65% on the 20.0 courses
- Minimum cumulative modular average of 70% and a minimum mark of 60% in each course of the module
- Passing grade in each course
- Minimum cumulative modular average of 60% in any additional Major or Minor module completed

#### Residency Requirement:
- The majority of your modular courses must be completed at Western. Please check academic calendar for other residency requirements.

#### Note:
To graduate with an Honors BSc, at least 11.0 of your 20.0 courses must be taken from the Faculty of Science.

### Typical Stream

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA 1000: Calculus I&lt;sup&gt;1&lt;/sup&gt;</td>
<td>CS 2210: Data Structures and Algorithms</td>
<td>DS 3000: Intro to Machine Learning</td>
<td>DS 4999 Z: Thesis&lt;sup&gt;4&lt;/sup&gt;</td>
</tr>
<tr>
<td>MA 1600: Linear Algebra I</td>
<td>CS 2211: Systems Programming</td>
<td>CS 3319: Databases I</td>
<td>SS 4850: Advanced Data Analysis</td>
</tr>
<tr>
<td>CS 1026: CS Fundamentals I&lt;sup&gt;2&lt;/sup&gt;</td>
<td>CS 2214: Discrete Structures</td>
<td>SS 3843: Intro to Study Design</td>
<td>Optional Modular course</td>
</tr>
<tr>
<td>Electives / Breadth requirements</td>
<td>SS 2657: Probability and Statistics I</td>
<td>SS 3859: Regression</td>
<td>Optional Modular course</td>
</tr>
</tbody>
</table>

### Required first year principal courses
- MA 1600: Linear Algebra I
- CS 1026: CS Fundamentals I<sup>2</sup>

### Modular course (10.0 courses)
- CS 2210: Data Structures and Algorithms
- CS 2211: Systems Programming
- CS 2214: Discrete Structures
- SS 2657: Probability and Statistics I

### Electives or other modules
- CS 4411: Databases II
- SS 2658: Probability and Statistics II

### Additional Notes:
1. or Calculus 1500A/B
2. or Data Science 1200A/B
3. or Calculus 1301A/B with a mark of >85%

*Students interested in Statistics graduate programs should also take SS3657A & SS3858B.*