BSc in Mathematics with a Concentration in Statistics - Recommended Course Sequence  
(Fall 2020, Fall 2021 Calendar Regulations)

### 1st Year

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>1. <strong>MATH 249</strong> or <strong>265</strong></td>
<td>2. <strong>MATH 267</strong></td>
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<tr>
<td>3. <strong>MATH 211</strong></td>
<td>4. <strong>MATH 271</strong></td>
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</table>

May be taken either semester:

- 5. **CPSC 217** or **DATA 211**
- 6. Non-Science Option (Breadth Requirement)
- 7. Non-Science Option (Breadth Requirement)
- 8. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 9. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 10. Option NOT in the Field of Mathematics (Non-Major Field Requirement)

1. **MATH 249** is open only to students without **MATH 31**
2. Students planning to pursue an Honours degree should replace **MATH 271** with **MATH 273** (offered in the Fall). Note: MATH 273 requires 90% in both MATH 30-1 and MATH 31.
3. **DATA 201** is a prerequisite for **DATA 211** and would need to be taken in the Fall semester.
4. A non-science option is any course from faculties other than the Faculty of Science, excluding courses in Table 1.

### 2nd Year

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>1. <strong>MATH 311</strong></td>
<td>2. <strong>STAT 323</strong></td>
</tr>
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</table>
| 3. **STAT 321** | 4. Open Option

5. May be taken either semester:

- 6. Option from the Faculty of Arts (Breadth Requirement)
- 7. Option from the Faculty of Arts (Breadth Requirement)
- 8. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 9. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 10. Option NOT in the Field of Mathematics (Non-Major Field Requirement)

1. Any course offered by any Faculty
2. ACSC 325 and 327 are recommended for those planning to take upper level ACSC courses.
3. Any course offered by the Faculty of Arts, excluding courses in Table 1.

### 3rd Year

May be taken either semester:

- 1. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 2. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 3. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 4. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 5. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 6. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 7. Non-Science Option (Breadth Requirement)
- 8. Non-Science Option (Breadth Requirement)
- 9. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 10. Option NOT in the Field of Mathematics (Non-Major Field Requirement)

### 4th Year

May be taken either semester:

- 1. **STAT 517**
- 2. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 3. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 4. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 5. **STAT** at the 400 level or above or **ACSC 437** or **511** or **531** or **537**
- 6. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 7. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 8. Option NOT in the Field of Mathematics (Non-Major Field Requirement)
- 9. Open Option
- 10. Open Option