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

May be taken either semester:

5. CPSC 217 or DATA 211<sup>2</sup>
6. Non-Science Option (Breadth Requirement)<sup>3</sup>
7. Non-Science Option (Breadth Requirement)<sup>3</sup>
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)

<sup>1</sup>MATH 249 is open only to students without MATH 31

<sup>2</sup>DATA 201 is a prerequisite for DATA 211 and would need to be taken in the Fall semester

<sup>3</sup>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>
</tr>
</thead>
<tbody>
<tr>
<td>1. MATH 311</td>
<td>2. STAT 323</td>
</tr>
<tr>
<td>3. STAT 321</td>
<td>4. Open Option&lt;sup&gt;1,2&lt;/sup&gt;</td>
</tr>
<tr>
<td>5. Open Option&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td></td>
</tr>
</tbody>
</table>

May be taken either semester:

6. Option from the Faculty of Arts (Breadth Requirement)<sup>3</sup>
7. Option from the Faculty of Arts (Breadth Requirement)<sup>3</sup>
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)

<sup>1</sup>Any course offered by any Faculty

<sup>2</sup>ACSC 325 and 327 are recommended for those planning to take upper level ACSC courses

<sup>3</sup>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