# BSc Honours in Actuarial Science - 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 249¹ or 265</td>
<td>2. MATH 267</td>
</tr>
<tr>
<td>3. MATH 211</td>
<td>4. MATH 271²</td>
</tr>
</tbody>
</table>

May be taken either semester:

5. CPSC 217 or DATA 211³
6. Non-Science Option (Breadth Requirement)⁴
7. Option from the Faculty of Arts (Breadth Requirement)
8. Option from the Faculty of Arts (Breadth Requirement)
9. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
10. Option NOT in the Field of Actuarial Science (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
⁵ Any course offered by the Faculty of Arts, excluding courses in Table 1

## 2nd Year

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. STAT 321</td>
<td>2. STAT 323</td>
</tr>
<tr>
<td>3. ACSC 325</td>
<td>4. ACSC 327</td>
</tr>
<tr>
<td>5. MATH 367</td>
<td></td>
</tr>
</tbody>
</table>

May be taken either semester:

6. Course from the Field of Actuarial Science at the 300 level or above
7. Non-Science Option (Breadth Requirement)
8. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
9. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
10. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)

## 3rd Year

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ACSC 427</td>
<td>2. ACSC 527</td>
</tr>
<tr>
<td>3. STAT 429</td>
<td></td>
</tr>
</tbody>
</table>

May be taken either semester:

4. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
5. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
6. Non-Science Option (Breadth Requirement)
7. Non-Science Option (Breadth Requirement)
8. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
9. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
10. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)

## 4th Year

May be taken either semester:

1. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
2. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
3. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
4. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
5. Any course labelled ACSC or STAT 429 or STAT 505 or STAT 507 or STAT 533 or STAT 543
6. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
7. Any course labelled ACSC or RMIN or ECON at the 400 level or higher or STAT at the 400 level or higher
8. Any course labelled ACSC or RMIN or ECON at the 400 level or higher or STAT at the 400 level or higher
9. Open Option⁶
10. Open Option⁶

⁶ An Open Option is any course offered by any Faculty