# BSc in Actuarial Science - Recommended Course Sequence

(Fall 2020, Fall 2021 Calendar Regulations)

## 1st Year

<table>
<thead>
<tr>
<th></th>
<th>FALL</th>
<th>WINTER</th>
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<tbody>
<tr>
<td>1.</td>
<td><strong>MATH 249</strong> or <strong>265</strong></td>
<td>2. <strong>MATH 267</strong></td>
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<td>2.</td>
<td><strong>MATH 211</strong></td>
<td>4. <strong>MATH 271</strong></td>
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May be taken either semester:

5. **CS 217** or **DATA 211**
6. Non-Science Option (Breadth Requirement)
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. **DATA 201** is a prerequisite for **DATA 211** and would need to be taken in the Fall semester
3. A non-science option is any course from faculties other than the Faculty of Science, excluding courses in Table 1
4. Any course offered by the Faculty of Arts, excluding courses in Table 1

## 2nd Year

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<tbody>
<tr>
<td>1.</td>
<td><strong>STAT 321</strong></td>
<td>2. <strong>STAT 323</strong></td>
</tr>
<tr>
<td>2.</td>
<td><strong>ACSC 325</strong></td>
<td>4. <strong>ACSC 327</strong></td>
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<tr>
<td>3.</td>
<td><strong>MATH 367</strong></td>
<td>5. <strong>MATH 367</strong></td>
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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

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<tbody>
<tr>
<td>1.</td>
<td><strong>ACSC 427</strong></td>
<td>2. <strong>ACSC 527</strong></td>
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</table>

May be taken either semester:

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. Non-Science Option (Breadth Requirement)
6. Non-Science Option (Breadth Requirement)
7. Option NOT in the Field of Actuarial Science (Non-Major Field 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. Open Option

1. An Open Option is any course offered by any Faculty

## 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** 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. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
8. Option NOT in the Field of Actuarial Science (Non-Major Field Requirement)
9. Open Option
10. Open Option