# BSc Honours in Actuarial Science - Recommended Course Sequence

(Fall 2020, Fall 2021 Calendar Regulations)

## 1st Year

### FALL

1. MATH 249 or 265

### WINTER

2. MATH 267

3. MATH 211

May be taken either semester:

5. CPSC 217 or DATA 211

6. Non-Science Option (Breadth Requirement)\(^1\)

7. Option from the Faculty of Arts (Breadth Requirement)\(^4\)

8. Option from the Faculty of Arts (Breadth Requirement)\(^4\)

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

### FALL

1. STAT 321

3. ACSC 325

5. MATH 367

### WINTER

2. STAT 323

4. ACSC 327

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

### FALL

1. ACSC 427

3. STAT 429

### WINTER

2. ACSC 527

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 Option\(^1\)

10. Open Option\(^1\)

\(^{1}\) An Open Option is any course offered by any Faculty