



# Bachelor of Actuarial Studies (Co-op) 3587

## Progression Plan for 2019 Commencing Students

| Terminology                            | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Program compulsory core courses</b> | 132UOC of compulsory core courses which students must complete under this degree (including the 36 UOC in Industrial Training courses).                                                                                                                                                                                                                                                                                                                                |
| <b>Industrial Training Experience</b>  | <p>These courses account for 36 UOC. Students complete 3 industrial training experience courses within the area of their co-op scholarship, with each course worth 12 UOC:</p> <p>ACTL2101 ITE1 (Co-op) (12 UOC)</p> <p>ACTL3202 ITE2 (Co-op) (12 UOC)</p> <p>ACTL3303 ITE3 (Co-op) (12 UOC)</p>                                                                                                                                                                       |
| <b>Free Elective</b>                   | <p>The 48 UOC of Free Elective can consist of 48 UOC of courses from any Faculty.</p> <p>Maximum Level one limit in this degree is 72UOC (excluding General Education courses).</p>                                                                                                                                                                                                                                                                                    |
| <b>General Education</b>               | Account for 12UOC (2 courses) and are to be taken outside the UNSW Business School. Please note that students enrolled in programs within the UNSW Business School cannot take General Education courses offered by the UNSW Business School (i.e. GENC code). These restrictions also apply to the following courses: GENL2015 The World of Work; GENL2021 An Introduction to the Australian Legal System; GENL2032 Cyberspace Law 2.0; GENL5021 Business Law Basics. |

**Table A. Actuarial Studies Co-op major:**

| Compulsory First Year core courses |      | Compulsory Second Year core courses |      | Compulsory Third Year courses |      | Industrial Training courses within area of co-op scholarship |      | Free Elective (can be from Business School or other Faculties) |      | General Education (must be from other Faculties) |      |
|------------------------------------|------|-------------------------------------|------|-------------------------------|------|--------------------------------------------------------------|------|----------------------------------------------------------------|------|--------------------------------------------------|------|
| 54UOC                              | Term | 18UOC                               | Term | 24UOC                         | Term | 36UOC                                                        | Term | 48UOC                                                          | Term | 12UOC                                            | Term |
| ACCT1501                           |      | ACTL2111                            |      | ACTL3141                      |      | 1. ACTL2101 (12UOC)                                          |      | 1.                                                             |      | 1.                                               |      |
| ACCT1511                           |      | ACTL2131                            |      | ACTL3151                      |      |                                                              |      | 2.                                                             |      | 2.                                               |      |
| ACTL1101                           |      | ACTL2102                            |      | ACTL3162                      |      | 2. ACTL3202 (12UOC)                                          |      | 3.                                                             |      |                                                  |      |
| ECON1101                           |      |                                     |      | ACTL3182                      |      |                                                              |      | 4.                                                             |      |                                                  |      |
| ECON1102                           |      |                                     |      |                               |      | 3. ACTL3303 (12UOC)                                          |      | 5.                                                             |      |                                                  |      |
| FINS1613                           |      |                                     |      |                               |      |                                                              |      | 6.                                                             |      |                                                  |      |
| MATH1151                           |      |                                     |      |                               |      |                                                              |      | 7.                                                             |      |                                                  |      |
| MATH1251                           |      |                                     |      |                               |      |                                                              |      | 8.                                                             |      |                                                  |      |
| MGMT1001                           |      |                                     |      |                               |      |                                                              |      |                                                                |      |                                                  |      |
| Total number of completed UOC:     |      |                                     |      |                               |      |                                                              |      |                                                                |      |                                                  |      |

Program Checklist:

- ☐ I have completed a minimum of 192UOC (32 courses) for this program
- ☐ I have completed a minimum of 96UOC (16 courses) and met the requirements for the Actuarial Studies Co-op major
- ☐ I have completed a minimum of 36UOC of Industrial Training courses
- ☐ I have completed no more than 72UOC of level one courses (excluding General Education)
- ☐ I have completed exactly 12UOC of General Education courses

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**Please refer to the 2019 Online Handbook for the program and major rules:** <https://www.handbook.unsw.edu.au/undergraduate/programs/2019/3587>

## List of approved Commerce Majors from within the UNSW Business School

### Appendix A.

| <u>Accounting</u><br>(48UOC)                                                | <u>Actuarial Risk<br/>Management &amp; Analytics</u><br>(48UOC) | <u>Finance</u><br>(48UOC)                                        | <u>Business<br/>Economics</u> (48UOC)                              | <u>Business Law</u><br>(48UOC)            |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------|
| <b>Required compulsory<br/>Stage 1 core courses:<br/>ACCT1501; ACCT1511</b> |                                                                 | <b>Required compulsory<br/>Stage 1 core course:<br/>FINS1613</b> | <b>Required core courses:<br/>ECON1102;<br/>MATH1151= ECON1202</b> |                                           |
| 1. ACCT2522                                                                 | 1. ACTL3142                                                     | 1. FINS1612                                                      | 1. Business Economics<br>major elective                            | 1. TABL1710                               |
| 2. ACCT2542                                                                 | 2. RISK2001                                                     | 2. FINS2624                                                      | 2. Business Economics<br>major elective                            | 2. Business Law major<br>elective         |
| 3. ACCT3563                                                                 | 3. Actuarial Risk major<br>elective                             | 3. FINS3616                                                      | 3. Business Economics<br>major elective                            | 3. Business Law major<br>elective         |
| 4. Accounting major<br>elective                                             | 4. Actuarial Risk major<br>elective                             | 4. Finance major elective                                        | 4. Business Economics<br>major elective level 3                    | 4. Business Law major<br>elective         |
| 5. Accounting major<br>elective Level 3                                     | 5. Actuarial Risk major<br>elective                             | 5. Finance major elective                                        | 5. Business Economics<br>major elective level 3                    | 5. Business Law major<br>elective         |
| 6. Accounting major<br>elective Level 3                                     | 6. Actuarial Risk major<br>elective                             | 6. Finance major elective<br>Level 3                             | 6. Business Economics<br>major elective level 3                    | 6. Business Law major<br>elective level 3 |
|                                                                             | 7. Actuarial Risk major<br>elective                             | 7. Finance major elective<br>Level 3                             |                                                                    | 7. Business Law major<br>elective level 3 |
|                                                                             | 8. Actuarial Risk major<br>elective                             |                                                                  |                                                                    | 8. Business Law major<br>elective level 3 |

| <u>Business Strategy &amp; Economics Management</u><br>(48UOC)     | <u>Financial Economics</u> (60UOC)                                                                                         | <u>Human Resource Management</u> (48UOC)                    | <u>Informational Systems</u> (48UOC) | <u>International Business</u><br>(48UOC) |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------|------------------------------------------|
| <b>Required core courses:<br/>ECON1102;<br/>MATH1151= ECON1202</b> | <b>Required compulsory<br/>Stage 1 core courses:<br/>ECON1101; ECON1102;<br/>MATH1151= ECON1202<br/>MATH1251= ECON1203</b> | <b>Required compulsory<br/>Stage 1 course:<br/>MGMT1001</b> |                                      |                                          |
| 1. ECON2101                                                        | 1. ECON2101                                                                                                                | 1. MGMT1002                                                 | 1. INFS1602                          | 1. MGMT1101                              |
| 2. ECON2112                                                        | 2. ECON2206                                                                                                                | 2. MGMT2705                                                 | 2. INFS1603                          | 2. MGMT2101                              |
| 3. ECON3121                                                        | 3. ECON2209                                                                                                                | 3. MGMT2718                                                 | 3. INFS2603                          | 3. MGMT2102                              |
| 4. ECON3123                                                        | 4. ECON3107                                                                                                                | 4. MGMT3701                                                 | 4. INFS2621                          | 4. MGMT3101                              |
| 5. Business Strategy major elective                                | 5. ECON3206                                                                                                                | 5. HRM major elective                                       | 5. INFS3603                          | 5. MGMT3102                              |
| 6. Bus. Strat. major elective level 3                              | 6. Financial Econ. elective level 3                                                                                        | 6. HRM major elective level 3                               | 6. INFS major elective               | 6. Int. Bus. major elective              |
|                                                                    |                                                                                                                            | 7. HRM major elective level 3                               | 7. INFS major elective level 3       | 7. Int. Bus. major elective              |
|                                                                    |                                                                                                                            |                                                             | 8. INFS major elective level 3       | 8. Int. Bus. major elective level 3      |

| <u>Management</u><br>(48UOC)                                | <u>Marketing</u><br>(48UOC)         | <u>Quantitative Data Science</u><br>(66UOC)                           | <u>Real Estate Studies</u><br>(48UOC)    | <u>Taxation</u><br>(48UOC)            |
|-------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------|------------------------------------------|---------------------------------------|
| <b>Required compulsory<br/>Stage 1 course:<br/>MGMT1001</b> |                                     | <b>Required compulsory<br/>Stage 1 course:<br/>MATH1151; MATH1251</b> | <b>MATH1151= ECON1202</b>                |                                       |
| 1. MGMT1002                                                 | 1. MARK1012                         | 1. MATH2801 or<br>MATH2901                                            | 1. BLDG4018                              | 1. TABL1710                           |
| 2. MGMT2001                                                 | 2. MARK2051                         | 2. MATH2831 or<br>MATH2931                                            | 2. ECON2101                              | 2. TABL2751                           |
| 3. MGMT2002                                                 | 3. MARK2052                         | 3. MATH2871                                                           | 3. ECON3130                              | 3. Taxation major elective            |
| 4. MGMT3101                                                 | 4. MARK3054                         | 4. MATH3821                                                           | 4. FINS2624                              | 4. Taxation major elective            |
| 5. Management major<br>elective                             | 5. MARK3082                         | 5. MATH3871                                                           | 5. FINS3633                              | 5. Taxation major elective            |
| 6. Management major<br>elective level 3                     | 6. Marketing major elective         | 6. Quantitative Data<br>Science major elective                        | 6. TABL2792                              | 6. Taxation major elective<br>level 3 |
| 7. Management major<br>elective level 3                     | 7. Marketing major elective         | 7. Quantitative Data<br>Science major elective                        | 7. Real Estate major<br>elective level 3 | 7. Taxation major elective<br>level 3 |
|                                                             | Marketing major elective<br>level 3 | 8. Quantitative Data<br>Science major elective                        |                                          | 8. Taxation major elective<br>level 3 |
|                                                             |                                     | 9. Quantitative Data<br>Science major elective                        |                                          |                                       |

| <u>Mathematics</u><br>(60UOC)                                         | <u>Statistics</u><br>(60UOC)                                          |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Required compulsory<br/>Stage 1 course:<br/>MATH1151; MATH1251</b> | <b>Required compulsory<br/>Stage 1 course:<br/>MATH1151; MATH1251</b> |
| 1. MATH2011 or<br>MATH2111                                            | 1. MATH2011 or<br>MATH2111                                            |
| 2. MATH2121 or<br>MATH2221                                            | 2. MATH2501 or<br>MATH2601                                            |
| 3. MATH2501 or<br>MATH2601                                            | 3. MATH2801 or<br>MATH2901                                            |
| 4. MATH2521 or<br>MATH2621                                            | 4. MATH2831 or<br>MATH2931                                            |
| 5. MATH2801 or<br>MATH2901                                            | 5. MATH3801 or<br>MATH3901                                            |
| 6. Mathematics major<br>elective                                      | 6. MATH3811 or<br>MATH3911                                            |
| 7. Mathematics major<br>elective                                      | 7. MATH3821                                                           |
| 8. Mathematics major<br>elective                                      | 8. Statistics major elective                                          |

**Example 1. Actuarial Studies Co-op major; meet the Actuaries Institute Part I & II requirements.**

| Compulsory First Year core courses                                       |      | Compulsory Second Year core courses |      | Compulsory Third Year courses |      | Industrial Training courses within area of co-op scholarship |      | Free Elective (can be from Business School or other Faculties) |      | General Education (must be from other Faculties) |      |
|--------------------------------------------------------------------------|------|-------------------------------------|------|-------------------------------|------|--------------------------------------------------------------|------|----------------------------------------------------------------|------|--------------------------------------------------|------|
| 54UOC                                                                    | Term | 18UOC                               | Term | 24UOC                         | Term | 36UOC                                                        | Term | 48UOC                                                          | Term | 12UOC                                            | Term |
| ACCT1501 <sup>^</sup>                                                    |      | ACTL2111 <sup>^</sup>               |      | ACTL3141 <sup>^</sup>         |      | 1. ACTL2101 (12UOC)                                          |      | 1. ACTL4001 <sup>^</sup>                                       |      | 1.                                               |      |
| ACCT1511 <sup>^</sup>                                                    |      | ACTL2131 <sup>^</sup>               |      | ACTL3151 <sup>^</sup>         |      |                                                              |      | 2. ACTL4002 <sup>^</sup>                                       |      | 2.                                               |      |
| ACTL1101                                                                 |      | ACTL2102 <sup>^</sup>               |      | ACTL3162 <sup>^</sup>         |      | 2. ACTL3202 (12UOC)                                          |      | 3. ACTL4303 <sup>^</sup>                                       |      |                                                  |      |
| ECON1101 <sup>^</sup>                                                    |      |                                     |      | ACTL3182 <sup>^</sup>         |      | 3. ACTL3303 (12UOC)                                          |      | 4. ACTL3191*                                                   |      |                                                  |      |
| ECON1102 <sup>^</sup>                                                    |      |                                     |      |                               |      |                                                              |      | 5. ACTL3192*                                                   |      |                                                  |      |
| FINS1613 <sup>^</sup>                                                    |      |                                     |      |                               |      |                                                              |      | 6.                                                             |      |                                                  |      |
| MATH1151                                                                 |      |                                     |      |                               |      |                                                              |      | 7.                                                             |      |                                                  |      |
| MATH1251                                                                 |      |                                     |      |                               |      |                                                              |      | 8.                                                             |      |                                                  |      |
| MGMT1001                                                                 |      |                                     |      |                               |      |                                                              |      |                                                                |      |                                                  |      |
| <sup>^</sup> Part I & II required courses Total number of completed UOC: |      |                                     |      |                               |      |                                                              |      |                                                                |      |                                                  |      |

\*Recommended electives

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- ☐ I have completed a minimum of 36UOC of Industrial Training courses
- ☐ I have completed no more than 72UOC of level one courses (excluding General Education)
- ☐ I have completed exactly 12UOC of General Education courses
- ☐ Part I & II Exemptions: <https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions>

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**Example 2. Actuarial Studies Co-op major & Actuarial Risk Management and Analytics major; Meet the Actuaries Institute Part I & II requirements.**

| Compulsory First Year core courses                                       |      | Compulsory Second Year core courses |      | Compulsory Third Year courses |      | Industrial Training courses within area of co-op scholarship      |      | Actuarial Risk Management & Analytics major (60UOC) |      | General Education (must be from other Faculties) |      |
|--------------------------------------------------------------------------|------|-------------------------------------|------|-------------------------------|------|-------------------------------------------------------------------|------|-----------------------------------------------------|------|--------------------------------------------------|------|
| 54UOC                                                                    | Term | 18UOC                               | Term | 24UOC                         | Term | 36UOC                                                             | Term | 48UOC                                               | Term | 12UOC                                            | Term |
| ACCT1501 <sup>^</sup>                                                    |      | ACTL2111 <sup>^</sup>               |      | ACTL3141 <sup>^</sup>         |      | 1. ACTL2101 (12UOC)<br>2. ACTL3202 (12UOC)<br>3. ACTL3303 (12UOC) |      | 1. ACTL3142                                         |      | 1.                                               |      |
| ACCT1511 <sup>^</sup>                                                    |      | ACTL2131 <sup>^</sup>               |      | ACTL3151 <sup>^</sup>         |      |                                                                   |      | 2. RISK2001                                         |      | 2.                                               |      |
| ACTL1101                                                                 |      | ACTL2102 <sup>^</sup>               |      | ACTL3162 <sup>^</sup>         |      |                                                                   |      | 3. ACTL3191                                         |      |                                                  |      |
| ECON1101 <sup>^</sup>                                                    |      |                                     |      | ACTL3182 <sup>^</sup>         |      |                                                                   |      | 4. ACTL3192                                         |      |                                                  |      |
| ECON1102 <sup>^</sup>                                                    |      |                                     |      |                               |      |                                                                   |      | 5. ACTL4001 <sup>^</sup>                            |      |                                                  |      |
| FINS1613 <sup>^</sup>                                                    |      |                                     |      |                               |      |                                                                   |      | 6. ACTL4002 <sup>^</sup>                            |      |                                                  |      |
| MATH1151                                                                 |      |                                     |      |                               |      |                                                                   |      | 7. ACTL4303 <sup>^</sup>                            |      |                                                  |      |
| MATH1251                                                                 |      |                                     |      |                               |      |                                                                   |      | 8. Major elective                                   |      |                                                  |      |
| MGMT1001                                                                 |      |                                     |      |                               |      |                                                                   |      |                                                     |      |                                                  |      |
| <sup>^</sup> Part I & II required courses Total number of completed UOC: |      |                                     |      |                               |      |                                                                   |      |                                                     |      |                                                  |      |

Program Checklist:

- ☐ I have completed a minimum of 192UOC (32 courses) for this program
- ☐ I have completed a minimum of 96UOC and met the requirements for the Actuarial Studies Co-op major
- ☐ I have completed a minimum of 36UOC of Industrial Training courses
- ☐ I have completed no more than 72UOC of level one courses (excluding General Education)
- ☐ I have completed exactly 12UOC of General Education courses
- ☐ Part I & II Exemptions: <https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions>

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**Example 3. Actuarial Studies Co-op major & Quantitative Data Science major; Meet the Actuaries Institute Part I & II requirements.**

| Compulsory First Year core courses                                                 |      | Compulsory Second Year core courses |      | Compulsory Third Year courses |      | Industrial Training courses within area of co-op scholarship |      | Quantitative Data Science major (66UOC) |      | General Education (must be from other Faculties) |      |
|------------------------------------------------------------------------------------|------|-------------------------------------|------|-------------------------------|------|--------------------------------------------------------------|------|-----------------------------------------|------|--------------------------------------------------|------|
| 54UOC                                                                              | Term | 18UOC                               | Term | 24UOC                         | Term | 36UOC                                                        | Term | 48UOC                                   | Term | 12UOC                                            | Term |
| ACCT1501 <sup>^</sup>                                                              |      | ACTL2111 <sup>^</sup>               |      | ACTL3141 <sup>^</sup>         |      | 1. ACTL2101 (12UOC)                                          |      | 1. MATH2801/2901                        |      | 1. MATH2871                                      |      |
| ACCT1511 <sup>^</sup>                                                              |      | ACTL2131 <sup>^</sup>               |      | ACTL3151 <sup>^</sup>         |      |                                                              |      | 2. MATH2831/2931                        |      | 2. MATH3821                                      |      |
| ACTL1101                                                                           |      | ACTL2102 <sup>^</sup>               |      | ACTL3162 <sup>^</sup>         |      | 2. ACTL3202 (12UOC)                                          |      | 3. MATH3871                             |      |                                                  |      |
| ECON1101 <sup>^</sup>                                                              |      |                                     |      | ACTL3182 <sup>^</sup>         |      |                                                              |      | 4. Major elective                       |      |                                                  |      |
| ECON1102 <sup>^</sup>                                                              |      |                                     |      |                               |      | 3. ACTL3303 (12UOC)                                          |      | 5. Major elective                       |      |                                                  |      |
| FINS1613 <sup>^</sup>                                                              |      |                                     |      |                               |      |                                                              |      | 6. ACTL4001 <sup>^</sup>                |      |                                                  |      |
| MATH1151                                                                           |      |                                     |      |                               |      |                                                              |      | 7. ACTL4002 <sup>^</sup>                |      |                                                  |      |
| MATH1251                                                                           |      |                                     |      |                               |      |                                                              |      | 8. ACTL4303 <sup>^</sup>                |      |                                                  |      |
| MGMT1001                                                                           |      |                                     |      |                               |      |                                                              |      |                                         |      |                                                  |      |
| <b><sup>^</sup>Part I &amp; II required courses Total number of completed UOC:</b> |      |                                     |      |                               |      |                                                              |      |                                         |      |                                                  |      |

Program Checklist:

- ☐ I have completed a minimum of 192UOC (32 courses) for this program
- ☐ I have completed a minimum of 96UOC and met the requirements for the Actuarial Studies Co-op major
- ☐ I have completed a minimum of 36UOC of Industrial Training courses
- ☐ I have completed no more than 72UOC of level one courses (excluding General Education)
- ☐ I have completed exactly 12UOC of General Education courses
- ☐ Part I & II Exemptions: <https://www.business.unsw.edu.au/about/schools/risk-actuarial/degrees/professional-recognition/accreditation-exemptions>

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