

## Bachelor of Actuarial Studies/ Information Systems 3671 Full Time - T2 2026 START

**Program:** Act Stu / Info Sys [3671]

### Year 1 Term 2

| Course or Activity                                  | Prerequisites | Credits |
|---|---------------|---------|
| COMM1240 Financial Management for Actuarial Studies |               | 6       |
| ECON1101 Microeconomics 1                           |               | 6       |
| INFS1603 Introduction to Business Databases         |               | 6       |

### Year 1 Term 3

| Course or Activity                               | Prerequisites      | Credits |
|--|--------------------|---------|
| COMM1170 Organisational Resources                | COMM1140, COMM1240 | 6       |
| INFS1602 Digital Transformation in Business      |                    | 6       |
| INFS1701 Introduction to Networking and Security |                    | 6       |

### Year 2 Term 1

| Course or Activity  | Prerequisites      | Credits |
|---|--------------------|---------|
| COMM1180 Value Creation                                   | COMM1140, COMM1240 | 6       |
| ECON1102 Macroeconomics 1                                 |                    | 6       |
| MATH1151 Mathematics for Actuarial Studies and Finance 1A |                    | 6       |

### Year 2 Term 2

| Course or Activity  | Prerequisites | Credits |
|---|---------------|---------|
| ACTL1101 Introduction to Actuarial Studies                | MATH1151      | 6       |
| MATH1251 Mathematics for Actuarial Studies and Finance 1B | MATH1151      | 6       |

### Year 2 Term 3

| Course or Activity                                      | Prerequisites | Credits |
|---|---------------|---------|
| INFS2603 Business Analysis and Agile Product Management | INFS1602      | 6       |
| <i>Prescribed Information Systems Electives</i>         |               | 6       |
| COMM2501  |               | 6       |

### Year 3 Term 1

| Course or Activity        | Prerequisites | Credits |
|---------------------------|---------------|---------|
| Act Stu / Info Sys [3671] |               | 6       |

|                                     |  |   |
|-------------------------------------|--|---|
| Act Stu / Info Sys [3671]           |  | 6 |
| ACTL2131 or (MATH2901 and MATH2931) |  | 6 |

### Year 3 Term 2

| Course or Activity  | Prerequisites      | Credits |
|---|--------------------|---------|
| ACTL2102 Foundations of Actuarial Models                  |                    | 6       |
| ACTL2111 Financial Mathematics for Actuaries              | ACTL1101, MATH1251 | 6       |
| INFS2608 Database Management and Big Data Infrastructures | INFS1603           | 6       |

### Year 3 Term 3

| Course or Activity                                 | Prerequisites | Credits |
|--|---------------|---------|
| INFS2701 Managing Cybersecurity in the Digital Age | INFS1701      | 6       |
| INFS2822 Programming for Data Analytics            | INFS1603      | 6       |
| <i>Work Integrated Learning (WIL)</i>              |               | 6       |

### Year 4 Term 1

| Course or Activity                   | Prerequisites | Credits |
|--------------------------------------|---------------|---------|
| INFS3604 Business Process Management | INFS2603      | 6       |
| <i>Level 3 Actuarial Studies</i>     |               | 6       |
| <i>Level 3 Actuarial Studies</i>     |               | 6       |

### Year 4 Term 2

| Course or Activity  | Prerequisites | Credits |
|---|---------------|---------|
| ACTL3142 Statistical Machine Learning for Risk and Actuarial Applications |               | 6       |
| INFS3700 User Experience and IT Service Design                            | INFS2603      | 6       |
| <i>Level 3 Actuarial Studies</i>  |               | 6       |

### Year 4 Term 3

| Course or Activity  | Prerequisites      | Credits |
|---|--------------------|---------|
| INFS3605 Information Systems Innovation and Transformation    | INFS3604, INFS3700 | 6       |
| INFS3701 Enterprise Architecture for Scalable Cloud Solutions | INFS2701           | 6       |
| INFS3703 Information Systems Project Management               | INFS2603           | 6       |

\*Lock: Students are required to take these courses within the specified semester