



Bachelor of Science 3970 – BINFE1 Bioinformatics – T1 2026 START

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Program: Science [3970]

Year 1 Term 1

| Course or Activity | Prerequisites | Credits |
|-------------------------------------|---------------|---------|
| BABS1201 Molecules, Cells and Genes | | 6 |
| SCIF0000 Introduction to University | | 0 |
| <i>CHEM1011 or CHEM1031</i> | | 6 |
| <i>MATH1131 or MATH1141</i> | | 6 |

Year 1 Term 2

| Course or Activity | Prerequisites | Credits |
|-----------------------------------|---------------|---------|
| COMP1511 Programming Fundamentals | | 6 |
| <i>Free Electives</i> | | 6 |
| <i>Free Electives</i> | | 6 |

Year 1 Term 3

| Course or Activity | Prerequisites | Credits |
|-----------------------------|---------------|---------|
| SCIF1000 Skills in Science | | 6 |
| <i>MATH1231 or MATH1241</i> | | 6 |

Year 2 Term 1

| Course or Activity | Prerequisites | Credits |
|--|---------------|---------|
| COMP2041 Software Construction: Techniques and Tools | COMP1511 | 6 |
| <i>Free Electives</i> | | 6 |
| <i>Level 2 Core Courses</i> | | 6 |

Year 2 Term 2

| Course or Activity | Prerequisites | Credits |
|-----------------------------|---------------|---------|
| <i>MATH2801 or MATH2901</i> | | 6 |
| <i>Free Electives</i> | | 6 |

Year 2 Term 3

| Course or Activity | Prerequisites | Credits |
|---|---------------|---------|
| BINF2010 Introduction to Bioinformatics | BABS1201 | 6 |

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| BIOC2201 Principles of Molecular Biology (Advanced) | BABS1201 | 6 |
| <i>Employability Experiences</i> | | 6 |

Year 3 Term 1

| Course or Activity | Prerequisites | Credits |
|-----------------------------|---------------|---------|
| <i>Free Electives</i> | | 6 |
| <i>Level 3 Core Courses</i> | | 6 |
| <i>General Education</i> | | 6 |

Year 3 Term 2

| Course or Activity | Prerequisites | Credits |
|---------------------------------|---------------|---------|
| BINF3010 Applied Bioinformatics | BIOC2201 | 6 |
| <i>Free Electives</i> | | 6 |
| <i>General Education</i> | | 6 |

Year 3 Term 3

| Course or Activity | Prerequisites | Credits |
|---------------------------------------|--------------------|---------|
| BINF3020 Computational Bioinformatics | BINF2010, COMP2041 | 6 |
| SCIF3010 Graduation Portfolio | SCIF1000 | 0 |
| <i>Employability Experiences</i> | | 6 |

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