Information for First Year Students:

Bachelor of Bioinformatics Engineering / Master of Biomedical Engineering – 3768

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<th>Semester 1</th>
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<tr>
<td>BABS1201 Molecules, Cells and Genes</td>
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<tr>
<td>MATH1131 Mathematics 1A</td>
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<td>OR</td>
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<td>MATH1141 Higher Mathematics 1A</td>
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<td>CHEM1011 Chemistry A</td>
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<td>CHEM1031 Higher Chemistry A</td>
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<td>COMP1511 Introduction to Programming</td>
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Which Maths course should I choose?

**MATH1131 Mathematics 1A** is recommended for students who did HSC Mathematics Extension 1. If your HSC Maths + Maths Extension 1 mark is over 100, or your Extension 1 + 2 mark is over 100 then this is the course for you. If you achieved a mark over 85 in HSC Mathematics and want or need to take Mathematics 1A, then discuss this with one of the Mathematics and Statistics Advisors. For marks lower than this, we strongly recommend that you do the Mathematics Bridging Course.

**MATH1141 Higher Mathematics 1A** is recommended for student who did well in Mathematics Extension 2 or who did exceptionally well in Maths Extension 1. If your Extension 1 + 2 mark is over 175 we encourage you to do Higher Mathematics.

Which Chemistry course should I choose?

**CHEM1011 Chemistry A** is recommended for students who have completed the equivalent of one year of high school chemistry, such as Year 11 Chemistry.

**CHEM1031 Higher Chemistry A** is recommended for students who have completed the equivalent of Year 11 and Year 12 Chemistry. This course covers the same material as CHEM1011, but has additional material covering the determination of the structure of molecules, applications of intermolecular forces in industry and biology, and a more advanced treatment of the theory of chemical bonding.