

Bachelor of Science 3970 – BIOTA1 Biotechnology – T1 2026

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Program: Science [3970]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
BABS1201 Molecules, Cells and Genes		6
MATH1041 Statistics for Life and Social Sciences		6
SCIF0000 Introduction to University		0
<i>CHEM1011 or CHEM1031</i>		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
BABS1202 Applied Biomolecular Sciences		6
<i>CHEM1021 or CHEM1041</i>		6
<i>Free Electives</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
SCIF1000 Skills in Science		6
<i>Free Electives</i>		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
BABS2011 Current Trends in Biotechnology	BABS1202, BABS1201	6
MICR2011 Microbiology 1	BABS1201	6
<i>Free Electives</i>		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
BIOC2101 Principles of Biochemistry (Advanced)	BABS1201	6
<i>General Education</i>		6
<i>Free Electives</i>		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
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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
BABS3071 Commercial Biotechnology		6
<i>General Education</i>		6
<i>Free Electives</i>		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
BABS3031 Biotechnology and Bioengineering		6
<i>Free Electives</i>		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
BABS3061 Medical Biotechnology	BIOC2101, BIOC2201	6
BABS3200 Synthetic Biology	BIOC2201	6
SCIF3010 Graduation Portfolio	SCIF1000	0
<i>Employability Experiences</i>		6

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