

The following information is a guide for changing from the Bachelor of Biotechnology (Honours) **(BBiotech(Hons))** (2375) program into the revised 2021 Bachelor of Biotechnology **(BBiotech)** (2456) program having completed Years 1 & 2 (32 units).

Please also refer to the BBiotech:

[Program Rules](#)

[Course List](#)

**BBiotech(Hons) Chemical Biotechnology single major changing into 2021 BBiotech extended majors:**

[Agricultural Biotechnology](#)

[Chemical and Nano Biotechnology](#)

[Medical Biotechnology](#)

[Molecular and Microbial Biotechnology](#)

[Synthetic Biology and Industrial Biotechnology](#)

For assistance, please contact the

[Faculty of Science Student Enquiries Team](#)

## BBiotech(Hons) Chemical Biotechnology major changing into 2021 BBiotech Agricultural Biotechnology extended major

\*Students may require **more than 16 units** to complete remaining requirements, which may increase program duration.

Courses completed (32 units)	
Chemical Biotechnology major courses	Course allocation towards 2021 Agricultural Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
BIOL1030 or SCIE1000	Level 1 major compulsory <sup>1</sup>
BIOL1040	Program elective ( <i>prereq for major</i> )
CHEM1200	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEM2050	General elective
CHEM2054	General elective
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from BIOL2202, CHEM2060, CHEM2052)	Major compulsory or general elective <sup>2</sup>
10 units elective	General electives

<sup>1</sup> BIOL1030 2 units Level 1 major compulsory. SCIE1000 counts as general elective.

<sup>2</sup> BIOL2202 counts as Level 2 major compulsory. CHEM2052 or CHEM2060 count as general elective

Courses left to complete (16 units)*	
Agricultural Biotechnology extended major	Course allocation
BIOL1030 <sup>3</sup>	Level 1 major compulsory
BIOL2202 <sup>4</sup>	Level 2 major compulsory
4 units Level 2 major elective (choose from BIOL2200, BIOL2203, CHEM2003, FOOD2000, MICR2000, MICR2001)	Level 2 major elective
BIOT3004	Level 3 major compulsory
BIOT3009	Level 3 major compulsory
2 - 6 units Level 3 major elective (from BIOL3213, BIOL3303, FOOD3023)	Level 3 major elective
2 - 6 units Level 3 major elective (from BIOL3003, BIOL3011, BIOL3201, BIOL3209, BIOL3320, FOOD3008)	Level 3 major elective

<sup>3</sup> If completed SCIE1000 as part of BBiotech(Hons), will require BIOL1030, which will increase units required for program.

<sup>4</sup> If completed CHEM2052 or CHEM2060 as part of BBiotech(Hons), will require BIOL2202, which will increase units required for program.

## BBiotech(Hons) Chemical Biotechnology major changing into 2021 BBiotech Chemical and Nano Biotechnology extended major

Courses completed (32 units)	
Chemical Biotechnology major courses	Course allocation towards 2021 Chemical and Nano Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
BIOL1030 or SCIE1000	Program elective
BIOL1040	General elective
CHEM1200	Level 1 major compulsory
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEM2050	Level 2 major compulsory
CHEM2054	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from BIOL2202, CHEM2060, CHEM2052)	Major compulsory or general elective <sup>1</sup>
10 units elective	General electives

<sup>1</sup> CHEM2060 counts as major compulsory. CHEM2052 or BIOL2202 count as general elective.

Courses left to complete (16 units)	
Chemical and Nano Biotechnology extended major	Course allocation
CHEM2060 <sup>2</sup>	Level 2 major compulsory
BIOT3004	Level 3 major compulsory
BIOT3009	Level 3 major compulsory
CHEM3016	Level 3 major compulsory
2 units Level 3 major elective (from CHEM3001, CHEM3010, CHEM3011)	Level 3 major elective
4 units Level 3 major elective (from CHEM3004, CHEM3020, CHEM3030)	Level 3 major elective
4 units <sup>3</sup> general electives	General elective

<sup>2</sup> If completed BIOL2202 or CHEM2052 as part of BBiotech(Hons), will require CHEM2060.

If completed CHEM2060 as part of BBiotech(Hons), can complete general elective.

<sup>3</sup> Only 2 units general elective if haven't completed CHEM2060 as part of BBiotech(Hons).

## BBiotech(Hons) Chemical Biotechnology major changing into 2021 BBiotech Medical Biotechnology extended major

Courses completed (32 units)	
Chemical Biotechnology major courses	Course allocation towards 2021 Medical Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
BIOL1030 or SCIE1000	General elective
BIOL1040	Program elective ( <i>prereq for major</i> )
CHEM1200	Level 1 major compulsory
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEM2050	Level 2 major compulsory
CHEM2054	Level 2 major elective
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from BIOL2202, CHEM2060, CHEM2052)	General elective
10 units elective	General electives

Courses left to complete (16 units)	
Medical Biotechnology extended major	Course allocation
BIOM2402	Level 2 major compulsory
BIOM3401	Level 3 major compulsory
BIOM3402	Level 3 major compulsory
BIOT3002	Level 3 major compulsory
BIOT3004	Level 3 major compulsory
BIOT3009	Level 3 major compulsory
CHEM3020	Level 3 major compulsory
2 units general elective	General elective

## BBiotech(Hons) Chemical Biotechnology major changing into 2021 BBiotech Molecular and Microbial Biotechnology extended major

\*Students may require more than 16 units to complete remaining requirements, which may increase program duration.

Courses completed (32 units)	
Chemical Biotechnology major courses	Course allocation towards 2021 Molecular and Microbial Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
BIOL1030 or SCIE1000	General elective
BIOL1040	Level 1 major compulsory
CHEM1200	Program elective ( <i>prereq for major</i> )
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEM2050	General elective
CHEM2054	General elective
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from BIOL2202, CHEM2060, CHEM2052)	Major compulsory, major elective or general elective <sup>1</sup>
10 units elective	General electives

Courses left to complete (16 units)*	
Molecular and Microbial Biotechnology extended major	Course allocation
BIOL2202 <sup>2</sup>	Level 2 major compulsory
MICR2000	Level 2 major compulsory
2 units Level 2 major elective <sup>3</sup> (choose from BIOL2200 and CHEM2052)	Level 2 major elective
BIOT3004	Level 3 major compulsory
BIOT3009	Level 3 major compulsory
2 - 4 units Level 3 major elective (from BIOC3000, MICR3001)	Level 3 major elective
4 - 6 units Level 3 major elective (from BIOC3003, BIOC3005, BIOC3006, BIOL3003, BIOL3006, BIOL3303, CHEM3020, MICR3002, MICR3003, MICR3004, PARA3002)	Level 3 major elective

<sup>1</sup> BIOL2202 counts as major compulsory. CHEM2052 counts as major elective. CHEM2060 counts as general elective.

<sup>2</sup> If completed CHEM2052 or CHEM2060 towards BBiotech(Hons), will require BIOL2202.

<sup>3</sup> If completed CHEM2052 towards BBiotech(Hons), will require BIOL2202. If completed CHEM2060 towards BBiotech(Hons), will require BIOL2202 and 2 units Level 2 major elective (choose from BIOL2200 and CHEM2052).

## BBiotech(Hons) Chemical Biotechnology major changing into 2021 BBiotech Synthetic Biology and Industrial Biotechnology extended major

\*Students will require minimum **20 units** to complete remaining requirements, which may increase program duration.

Courses completed (32 units)	
Chemical Biotechnology major courses	Course allocation towards 2021 Synthetic Biology and Industrial Biotechnology extended major
	Core
BIOL1020	Core
CHEM1100	Core
BIOL1030 or SCIE1000	Program elective
BIOL1040	General elective
CHEM1200	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEM2050	General elective
CHEM2054	General elective
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from BIOL2202, CHEM2060, CHEM2052)	Major compulsory or general elective <sup>1</sup>
10 units elective	General electives

Courses left to complete (20 units)*	
Synthetic Biology and Industrial Biotechnology extended major	Course allocation
ENGG1500 <i>(prerequisite for major and compulsory course CHEE2001)</i>	General elective
MATH1051 or MATH1071	Level 1 major compulsory
BIOL2202 <sup>2</sup>	Level 2 major compulsory
CHEE2001	Level 2 major compulsory
2 units Level 2 major elective (choose from MICR2000 or SCIE2100)	Level 2 major elective
BIOC3000	Level 3 major compulsory
BIOC3005	Level 3 major compulsory
BIOT3004	Level 3 major compulsory
BIOT3009	Level 3 major compulsory
CHEE4020	Level 4 major compulsory
2 units Level 3 major elective (choose from SCIE3100, MICR3003, MICR3004)	Level 3 major elective

<sup>2</sup> If completed CHEM2052 or CHEM2060 towards BBiotech(Hons), will require BIOL2202, which will increase remaining units required to 22 units.

<sup>1</sup>BIOL2202 counts as major compulsory. CHEM2052 or CHEM2060 counts as general elective