

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) Bioprocess Technology 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) Bioprocess Technology single 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)	
Bioprocess Technology major courses	Course allocation towards 2021 Agricultural Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
MATH1051 or MATH1071	Program elective
CHEM1200	General elective
MATH1052 or MATH1072	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEE2001	General elective
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from CHEM2052, CHEM2060, MICR2000)	Level 2 major elective or general elective <sup>1</sup>
10 units general elective	General elective

<sup>1</sup>MICR2000 counts as 2 units Level 2 major elective. CHEM2052 or CHEM2060 count as general elective.

Courses left to complete (16 units)*	
Agricultural Biotechnology extended major	Course allocation
BIOL1030	Level 1 major compulsory
2 units <sup>2</sup> Level 2 major elective (choose from BIOL2200, BIOL2203, CHEM2003, FOOD2000, 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>2</sup> If haven't completed MICR2000 as part of BBiotech(Hons), will require 4 units Level 2 major elective. Which increases total units required to 18 units.

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

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

Courses completed (32 units)	
Bioprocess Technology major courses	Course allocation towards 2021 Chemical and Nano Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
MATH1051 or MATH1071	Program elective
CHEM1200	Level 1 major compulsory
MATH1052 or MATH1072	General elective
STAT1201	Core
	Level 2 major compulsory
BIOC2000	Level 2 major compulsory
CHEE2001	General elective
	General elective
BIOL2202	
	Level 2 major compulsory
BIOT2002	
2 units Level 2 major (choose from CHEM2052, CHEM2060, MICR2000)	Level 2 major compulsory or general elective <sup>1</sup>
10 units general electives	General electives

<sup>1</sup>CHEM2060 counts as 2 units Level 2 major compulsory. CHEM2052 or MICR2000 count as general elective.

Courses left to complete (16 units)*	
Chemical and Nano Biotechnology extended major	Course allocation
CHEM2050	Level 2 major compulsory
CHEM2054	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
CHEM2060 <sup>2</sup>	Level 2 major compulsory

<sup>2</sup> If haven't completed CHEM2060 as part of BBiotech(Hons), will require 18 units to complete program requirements.

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

Courses completed (32 units)	
Bioprocess Technology major courses	Course allocation towards 2021 Medical Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
MATH1051 or MATH1071	General elective
CHEM1200	Level 1 major compulsory
MATH1052 or MATH1072	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEE2001	General elective
BIOL2202	Level 2 major elective
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from CHEM2052, CHEM2060, MICR2000)	General elective
10 units general electives	General electives

Courses left to complete (16 units)	
Medical Biotechnology extended major	Course allocation
BIOM2402	Level 2 major compulsory
CHEM2050	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

## BBiotech(Hons) Bioprocess Technology 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)	
Bioprocess Technology major courses	Course allocation towards 2021 Molecular and Microbial Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
MATH1051 or MATH1071	General elective
CHEM1200	Program elective ( <i>prerequisite for major</i> )
MATH1052 or MATH1072	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEE2001	General elective
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from CHEM2052, CHEM2060, MICR2000)	2 units major compulsory, major elective or general elective <sup>1</sup>
10 units general elective	General electives

Courses left to complete (16 units)*	
Molecular and Microbial Biotechnology extended major	Course allocation
BIOL1040	Level 1 major compulsory
MICR2000 or 2 units Level 2 major elective (choose from BIOL2200 and CHEM2052)	<sup>2</sup> depends on course completed towards BBiotech(Hons)
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>MICR2000 counts as major compulsory. CHEM2052 counts as major elective. CHEM2060 counts as general elective.

<sup>2</sup> If completed MICR2000 as part of BBiotech(Hons), will require 2 units major elective (choose from BIOL2200 and CHEM2052).

If completed CHEM2052 as part of BBiotech(Hons), will require MICR2000.

If completed CHEM2060 as part of BBiotech(Hons), will require MICR2000 and 2 units major elective (choose from BIOL2200 and CHEM2052), which increases total units required to 18 units.

**BBiotech(Hons) Bioprocess Technology major changing into 2021 BBiotech Synthetic Biology and Industrial Biotechnology extended major**

Courses completed (32 units)	
Bioprocess Technology major courses	Course allocation towards 2021 Synthetic Biology and Industrial Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
MATH1051 or MATH1071	Level 1 major compulsory
CHEM1200	Program elective
MATH1052 or MATH1072	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
CHEE2001	Level 2 major compulsory
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
2 units Level 2 major (choose from CHEM2052, CHEM2060, MICR2000)	Level 2 major elective or general elective <sup>1</sup>
10 units general elective	General electives

<sup>1</sup>MICR2000 counts as 2 units Level 2 major elective. CHEM2052 or CHEM2060 count as general elective.

Courses left to complete (16 units)	
Synthetic Biology and Industrial Biotechnology extended major	Course allocation
2 units Level 2 major elective (from MICR2000, SCIE2100)	Level 2 major elective <sup>2</sup>
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 (from SCIE3100, MICR3003, MICR3004)	Level 3 major elective
2 units general elective	general elective

<sup>2</sup> If completed CHEM2052 or CHEM2060 as part of BBiotech(Hons), will require 2 units Level 2 major elective (either MICR2000 or SCIE2100). If completed MICR2000 as part of BBiotech(Hons) can complete a general elective as part of remaining requirements.