

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) Microbial 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) Microbial 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)	
Microbial Biotechnology major courses	Course allocation towards 2021 Agricultural Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
BIOL1030 or SCIE1000	Level 1 major compulsory ¹
BIOL1040	Program elective (<i>prereq for major</i>)
CHEM1200	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
MICR2000	Level 2 major elective
2 units Level 2 major (Choose from BIOL2006, BIOL2200, BIOL2010, CHEM2050, CSSE2002, SCIE2100, STAT2003).	Major elective or general elective ²
10 units elective	General electives

Courses left to complete (16 units)*	
Agricultural Biotechnology extended major	Course allocation
BIOL1030 ³	Level 1 major compulsory
4 units ⁴ Level 2 major elective (choose from BIOL2200, BIOL2203, CHEM2003, FOOD2000, MICR2000, MICR2001)	Level 2 major electives
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

¹ BIOL1030 counts towards major, SCIE1000 counts as general elective

² BIOL2200 counts as major elective. All remaining courses count as general elective.

³ If completed SCIE1000 as part of BBiotech(Hons), will require BIOL1030.

⁴ If completed BIOL2200 as part of BBiotech(Hons), will require 2 units Level 2 major elective.

BBiotech(Hons) Microbial Biotechnology 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)	
Microbial 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
BIOL2202	General elective
BIOT2002	Level 2 major compulsory
MICR2000	General elective
2 units Level 2 major (Choose from BIOL2006, BIOL2200, BIOL2010, CHEM2050, CSSE2002, SCIE2100, STAT2003).	Major compulsory or general elective ¹
10 units elective	General electives

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

² Requires CHEM2050, if not completed as part of BBiotech(Hons), which will increase remaining units required for the program to 18 units.

¹ CHEM2050 counts as major compulsory. All remaining courses count as general elective.

BBiotech(Hons) Microbial Biotechnology major changing into 2021 BBiotech Medical Biotechnology extended major

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

Courses completed (32 units)	
Microbial 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
BIOL2202	Level 2 major elective
BIOT2002	Level 2 major compulsory
MICR2000	General elective
2 units Level 2 major (Choose from BIOL2006, BIOL2200, BIOL2010, CHEM2050, CSSE2002, SCIE2100, STAT2003).	Major compulsory or general elective ¹
10 units elective	General electives

Courses left to complete (16 units)*	
Medical Biotechnology extended major	Course allocation
BIOM2402	Level 2 major compulsory
CHEM2050 ²	Level 2 major compulsory
2 units Level 2 major elective (from BIOL2200, BIOL2202, CHEM2054)	Level 2 major elective
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 Requires CHEM2050, if not completed as part of BBiotech(Hons), which will increase remaining units required for the program to 18 units.

¹ CHEM2050 counts as major compulsory. All remaining courses count as general elective.

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

Courses completed (32 units)	
Microbial 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
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
MICR2000	Level 2 major compulsory
2 units Level 2 major (Choose from BIOL2006, BIOL2200, BIOL2010, CHEM2050, CSSE2002, SCIE2100, STAT2003).	Major elective or general elective ¹
10 units elective	General electives

¹ BIOL2200 counts as major elective. All remaining courses count as general elective.

Courses left to complete (16 units)*	
Molecular and Microbial Biotechnology extended major	Course allocation
2 units Level 2 major elective ² (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
4 units ³ general elective	General electives

² If didn't complete BIOL2200 as part of BBiotech(Hons), will require 2 units Level 2 major elective (from BIOL2200 and CHEM2052).

³ Only 2 units general elective if haven't completed BIOL2200 as part of BBiotech(Hons).

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

*Students will require minimum **18 units** to complete remaining requirements, which may increase program duration.

Courses completed (32 units)	
Microbial Biotechnology major courses	Course allocation towards 2021 Synthetic Biology and Industrial Biotechnology extended major
	Core
BIOL1020	
CHEM1100	Core
BIOL1030 or SCIE1000	Program elective
BIOL1040	General elective
CHEM1200	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
MICR2000	Level 2 major elective
2 units Level 2 major (Choose from BIOL2006, BIOL2200, BIOL2010, CHEM2050, CSSE2002, SCIE2100, STAT2003).	General elective
10 units elective	General electives

Courses left to complete (18 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
CHEE2001	Level 2 major compulsory
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 <i>(from SCIE3100, MICR3003, MICR3004)</i>	Level 3 major elective