

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**) program (2456) having completed Years 1 & 2 (32 units).

Please also refer to the BBiotech:

[Program Rules](#)

[Course List](#)

**BBiotech(Hons) Bioinformatics 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) Bioinformatics single major changing into 2021 BBiotech Agricultural Biotechnology extended major**

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

Courses completed (32 units)	
Bioinformatics major courses	Course allocation towards 2021 Agricultural Biotechnology extended major
BIOL1020	Core
CHEM1100	Core
CSSE1001	Program elective
(MATH1051 or MATH1071)	General elective
CHEM1200	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
SCIE2100	General elective
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
CSSE2002	General elective
10 units electives	General electives

Courses left to complete (18 units)*	
Agricultural Biotechnology extended major	Course allocation
BIOL1030	Level 1 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

**BBiotech(Hons) Bioinformatics single major changing into 2021 BBiotech Chemical and Nano Biotechnology extended major**

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

<b>Courses completed (32 units)</b>	
<b>Bioinformatics major courses</b>	<b>Course allocation towards 2021 Chemical and Nano Biotechnology extended major</b>
BIOL1020	Core
CHEM1100	Core
CSSE1001	Program elective
(MATH1051 or MATH1071)	General elective
CHEM1200	Level 1 major compulsory
STAT1201	Core
BIOC2000	Level 2 major compulsory
SCIE2100	General elective
BIOL2202	General elective
BIOT2002	Level 2 major compulsory
CSSE2002	General elective
10 units electives	General electives

<b>Courses left to complete (18 units)*</b>	
<b>Chemical and Nano Biotechnology extended major</b>	<b>Course allocation</b>
CHEM2050	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

**BBiotech(Hons) Bioinformatics single major changing into 2021 BBiotech Medical Biotechnology extended major**

<b>Courses completed (32 units)</b>	
<b>Bioinformatics major courses</b>	<b>Course allocation towards 2021 Medical Biotechnology extended major</b>
BIOL1020	Core
CHEM1100	Core
CSSE1001	Program elective
(MATH1051 or MATH1071)	General elective
CHEM1200	Level 1 major compulsory
STAT1201	Core
BIOC2000	Level 2 major compulsory
SCIE2100	general elective
BIOL2202	Level 2 major elective
BIOT2002	Level 2 major compulsory
CSSE2002	General elective
10 units electives	General electives

<b>Courses left to complete (16 units)</b>	
<b>Medical Biotechnology extended major</b>	<b>Course allocation</b>
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) Bioinformatics single major changing into 2021 BBiotech Molecular and Microbial Biotechnology extended major**

<b>Courses completed (32 units)</b>	
<b>Bioinformatics major courses</b>	<b>Course allocation towards 2021 Molecular and Microbial Biotechnology extended major</b>
BIOL1020	Core
CHEM1100	Core
CSSE1001	General elective
(MATH1051 or MATH1071)	General elective
CHEM1200	Program elective <i>(prereq for major)</i>
STAT1201	Core
BIOC2000	Level 2 major compulsory
SCIE2100	general elective
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
CSSE2002	general elective
10 units electives	General electives

<b>Courses left to complete (18 units)</b>	
<b>Molecular and Microbial Biotechnology extended major</b>	<b>Course allocation</b>
BIOL1040	Level 1 major compulsory
MICR2000	Level 2 major compulsory
2 units Level 2 major elective (from BIOL2200, 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

**BBiotech(Hons) Bioinformatics single major changing into 2021 BBiotech Synthetic Biology and Industrial Biotechnology extended major**

<b>Courses completed (32 units)</b>	
<b>Bioinformatics major courses</b>	<b>Course allocation towards 2021 Synthetic Biology and Industrial Biotechnology extended major</b>
BIOL1020	Core
CHEM1100	Core
CSSE1001	Program elective
(MATH1051 or MATH1071)	Level 1 major compulsory
CHEM1200	General elective
STAT1201	Core
BIOC2000	Level 2 major compulsory
SCIE2100	Level 2 major elective
BIOL2202	Level 2 major compulsory
BIOT2002	Level 2 major compulsory
CSSE2002	General elective
10 units electives	10 units general elective

<b>Courses left to complete (16 units)</b>	
<b>Synthetic Biology and Industrial Biotechnology extended major</b>	<b>Course allocation</b>
ENGG1500 ( <i>prerequisite for major and compulsory course CHEE2001</i> )	General elective
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 (from SCIE3100, MICR3003, MICR3004)	Level 3 major elective