

Bachelor of Science

Biological Sciences major

Biotechnology

Directed and Core Courses

Major (Bio Sc)

Other Approved Courses

Electives

Level	Directed and Core Courses	Major (Bio Sc)	Other Approved Courses	Electives	
1000 level (1 st year)	Mathematics component: 10 units MATH1002 or MATH1110 or MATH1210	Data analysis component: 10 units STAT1070	20 units BIOL1001 * BIOL1003	20 units + BIOL1002 CHEM1010	20 units CHEM1020 Any 10 units from Science
2000 level (2 nd year)	Scientific practice component: 10 units SCIT2000	30 units BIOL2010 BIOL2050 BIOL2002		40 units BIOL2001 BIOL2090 BIOL2020 BIOL2220	
3000 level (3 rd year)		40 units BIOL3001 BIOL3090 (BIOL3020 or BIOL3330) (BIOL3020 or BIOL3310)	20 units Any 20 units from BSc	20 units Any 20 units from Science	

NOTES:

- Students interested in a Biotechnology career should enrol in the Bachelor of Biotechnology program. Please see <http://www.newcastle.edu.au/program/10981.html>
- The Program Handbook is the official document listing all the rules you need to meet, plus courses required or available. Please see <http://www.newcastle.edu.au/program/10323.html>
- This pathway is only a suggestion and courses may not all be available or practical due to timetabling or workload reasons.
- Students should check assumed knowledge requirements for all courses.
- Courses labeled * are compulsory in the major.
- Courses labeled + are very strongly recommended. This includes all courses listed in the major sequence.
- For further information about Your Program and Suggested Pathways, including guidelines explaining Majors, Directed, Core, Approved and Elective courses, Mathematics requirements and exemptions, plus Checklists to track your progress, please see <http://www.newcastle.edu.au/faculty/science-it/pathways/index.html>

THIS INFORMATION IS CURRENT AS AT JANUARY 2012 AND IS SUBJECT TO CHANGE



**SUGGESTED
CAREER PATHS**