

Bachelor of Science
Biological Sciences major

Animal Biology / Animal Research Science

Directed and Core Courses

Major (Bio Sc)

Other Approved Courses

Electives

	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	20 units BIOL1001 * BIOL1003	20 units + BIOL1002 GEOG1020	20 units CHEM1010 CHEM1020
2000 level (2 nd year)	Scientific practice component: 10 units SCIT2000	30 units BIOL2001 BIOL2002 BIOL2010		40 units BIOL2020 BIOL2050 BIOL2090 ENVS2006
3000 level (3 rd year)		40 units BIOL3001 BIOL3020 BIOL3090 ENVS3002	20 units BIOL3100 ENVS3003	20 units 20 units free choice



**SUGGESTED
CAREER PATHS**

NOTES:

1. 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>
2. This pathway is only a suggestion and courses may not all be available or practical due to timetabling or workload reasons.
3. Students should check assumed knowledge requirements for all courses.
4. Courses labeled * are compulsory in the major.
5. Courses labeled + are very strongly recommended. This includes all courses listed in the major sequence.
6. 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>