

Bachelor of Science

Biological Sciences major

Molecular Microbiology

Directed and Core Courses

Major (Bio Sc)

Other Approved Courses

Electives

1000 level
(1st 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

10 units free choice

2000 level
(2nd year)

Scientific practice component:
10 units
SCIT2000

30 units
BIOL2001
BIOL2010
BIOL2050

40 units
BIOL2002
BIOL2090
(BIOL2020 or
BIOL2220)
10 units free choice

3000 level
(3rd year)

40 units
BIOL3001
BIOL3090
BIOL3100
(BIOL3020 or
BIOL3310)

20 units
Any 20 units
from BSc

20 units
20 units free choice

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>



**SUGGESTED
CAREER PATHS**