

Bachelor of Science

Mathematics & Biology double major

Career: Biomathematician



SUGGESTED
CAREER PATHS

B.Sc. Directed and Core Courses

Major 1 (Biology)

Major 2 (Mathematics co-major)

Electives

1000 level (1 st year)	Mathematics component: MATH1110 or MATH1210	Data analysis component: 10 units STAT1070	20 units BIOL1001 BIOL1002	20 units MATH1800 and MATH1120 or MATH1220	20 units MATH1510 BIOL1003
2000 level (2 nd year)	Scientific practice component: 10 units SCIT2000		30 units BIOL2001 BIOL2002 BIOL2050	30 units MATH2310 MATH2320 and MATH2330 or MATH2800	10 units
3000 level (3 rd year)			40 units BIOL3001 BIOL3020 BIOL3090 BIOL3310	40 units MATH3510 MATH3700 MATH3820 MATH3180	

NOTES:

1. Mathematics is a co-major designed to complement other majors (except Statistics) within the BSc. Students must choose courses to qualify for another major as well as Mathematics.
2. Students primarily interested in a Mathematics career may enroll in the Bachelor of Mathematics program. Please see <http://www.newcastle.edu.au/program/10237.html>
3. 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>
4. This pathway is only a suggestion and courses may not all be available or practical due to timetabling or workload reasons.
5. The above Mathematics major suggestions give the assumed knowledge for most 3000 level MATH courses, however students should check assumed knowledge requirements for ALL courses before enrolling. MATH3700 is a good choice for many science students, however depending on your other major and individual interests another course may be preferable.
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>

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