

Bachelor of Science

Mathematics & (your choice) double major

Mathematics general co-major



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

FACULTY OF
SCIENCE AND INFORMATION
TECHNOLOGY



www.newcastle.edu.au

SUGGESTED
CAREER PATHS

Directed and Core Courses

Major 1 (your choice)

Major 2 (Mathematics co-major)

Electives

	Directed and Core Courses	Major 1 (your choice)	Major 2 (Mathematics co-major)	Electives
1000 level (1 st year)	Mathematics component: Accounted for in Mathematics major	20 units 20 units from list of 1000 level courses for chosen BSc major (30 units for Photonics major)	30 units MATH1800 and MATH1210 & MATH1220 or MATH1110 & MATH1120	20 units Free electives Note: Maximum of 100 units at 1000 level.
2000 level (2 nd year)	Scientific practice component: 10 units SCIT2000	30 units 30 units from list of 2000 level courses for chosen BSc major (40 units for Chemistry major)	30 units MATH2310 MATH2320 Plus 10 units from 2000 level directed list	10 units free choice
3000 level (3 rd year)		40 units 40 units from list of 3000 level courses for chosen BSc major	40 units 40 units from list of 3000 level directed courses for BSc Mathematics co-major	

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 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