

Bachelor of Science

Mathematics & Physics double major

Career: Science Communicator



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

FACULTY OF
SCIENCE AND INFORMATION
TECHNOLOGY



www.newcastle.edu.au

SUGGESTED
CAREER PATHS

B.Sc. Directed and Core Courses

Major 1 (Physics)

Major 2 (Mathematics co-major)

Electives

| | B.Sc. Directed and Core Courses | | Major 1 (Physics) | Major 2 (Mathematics co-major) | Electives |
|---|--|--|--|---|---|
| 1000 level (1 st year) | Mathematics component: MATH1110 or MATH1210 | Data analysis component: 10 units STAT1070 | Compulsory 20 units PHYS1210 PHYS1220 | Compulsory 20 units MATH1800 and (MATH1120 or MATH1220) | 20 units BIOL1040 BIOL1050 |
| 2000 level (2 nd year) | Scientific practice component: 10 units SCIT2000 | | Directed 30 units PHYS2260 PHYS2250 PHYS2170 | Compulsory 20 units MATH2310 MATH2320 Directed 10 units MATH2330 | 10 units SCIT2100 |
| 3000 level (3 rd year) | | | Directed 40 units PHYS3350 PHYS3360 PHYS3330 PHYS3390 | Directed 40 units MATH3170 MATH3200 MATH3120 MATH3840 | |

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. 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