

Bachelor of Science
Chemistry & Mathematics double major

Chemometrics (Chemical Measurement and Instrument Design)

Directed and Core Courses

Major 1 (Chem)

Major 2 (Math)

Electives

1000 level
(1st year)

Mathematics component:

Accounted for in Mathematics major

Data analysis component:

10 units
STAT1070

20 units

CHEM1010
CHEM1020

20 units

* MATH1800
MATH1210
MATH1220

30 units

30 units free choice
(one of these choices must meet requirement for 6th 1000-level BSc course to replace Math directed component)

2000 level
(2nd year)

Scientific practice component:

10 units
SCIT2000

40 units

* CHEM2210
* CHEM2310
* CHEM2110
* CHEM2410

30 units

* MATH2310
* MATH2320
MATH2800

3000 level
(3rd year)

40 units

CHEM3110
CHEM3410
CHEM3560
CHEM3610

40 units

MATH3200
MATH3700
MATH3820
MATH3830

NOTES:

1. Mathematics is a co-major designed to complement other majors within the BSc. Students must choose courses to qualify for another major as well as Mathematics.
2. 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>
3. This pathway is only a suggestion and courses may not all be available or practical due to timetabling or workload reasons.
4. Students should check assumed knowledge requirements for all courses, especially in Mathematics.
5. Courses labeled * are compulsory in the major.
6. Courses labeled + are very strongly recommended. This includes all courses listed in the major sequences.
7. 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



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

FACULTY OF
SCIENCE AND INFORMATION
TECHNOLOGY



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**SUGGESTED
CAREER PATHS**