



UNSW
SYDNEY

Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

with a major in **Applied Mathematics** (MATHA13956)

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|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|----------------------|----------------------|---------------|
| SCIF1131 T1, T3 | MATH1081 T1, T2, T3 | MATH1141 T1, T3 | MATH1241 T1, T2 | 6 UoC Stage 1 computer science | Free Elective | Free Elective | Free Elective |
| MATH2111 T1 | MATH2221 T2 | MATH2301 T1 | MATH2601 T2 | MATH2621 T3 | MATH2901 T2 | Free Elective | Free Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC Stage 3 Approved MATH* | 6 UoC Stage 3 Approved MATH* | General Education | General Education | Free Elective |

| Program Structure | | | |
|-------------------|------------------------|------------|----------------|
| Major | 90 UoC (15 courses) | 144 UoC | 192 UoC |
| SCIF1131 | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 36 UoC (6 courses) | 48 UoC | |
| General Education | 12 UoC (2 courses) | | |

All students in Advanced Mathematics must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major or minor.

Stage 3 Electives:

MATH3041 (T2), MATH3101 (T3), MATH3121 (T1), MATH3161 (T1), MATH3171 (T3)
MATH3201, (T3), MATH3261 (T1), MATH3311 (T2), MATH3361 (T1) MATH6781 (T2).

*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

Free Electives may be from Science or any other Faculty at UNSW.

General Education courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

Progression check Student ID: _____
 Name: _____
 Date: _____ Advisor: _____

____ UoC Completed
 ____ UoC **Enrolled**
 ____ UoC Remaining



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|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------------|----------------|--|--|
| SCIF1131 T1, T3 | MATH1081 T1, T2, T3 | MATH1141 T1, T3 | MATH1241 T1, T2 | 6 UoC Stage 1 computer science | | | |
| MATH2111 T1 | MATH2221 T2 | MATH2301 T1 | MATH2601 T2 | MATH2621 T3 | MATH2901 T2 | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC Stage 3 Approved MATH* | 6 UoC Stage 3 Approved MATH* | | | |
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| Program Structure (Dual Degree Mode) | | | |
|--------------------------------------|--|------------|----------------|
| Major | 90 UoC (15 courses) | 144 UoC | 240-288 UoC |
| SCIF1131 | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree | 96 UoC or 144 UoC (16 - 24 courses) | | |

Stage 3 Electives:

MATH3041 (T2), MATH3101 (T3), MATH3121 (T1), MATH3161 (T1), MATH3171 (T3)
MATH3201 (T3), MATH3261 (T1), MATH3311 (T2), MATH3361 (T1) MATH6781 (T2).

*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

General Education courses are not allowed in dual degree programs (GENxxxxx coded courses)

| | |
|--------------------------|-------------------|
| Progression check | Student ID: _____ |
| Name: _____ | |
| Date: _____ | Advisor: _____ |

| |
|---------------------------------------|
| _____ UOC Completed for science |
| _____ UOC Enrolled for science |
| _____ UOC Remaining for science |