Science

# Bachelor of Advanced Mathematics (Honours) (3965)

2021 Commencing Students Click on the page number below to navigate to the approved Majoon3l h eqo

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| Pure Mathematics    | <u>6-7</u> |



Single Degree 3956 Bachelor of Advanced Mathematids (nours)

with a major in Advanced Statistics (MATHU13956)

Science Electives are courses taken from within the Faculty of Science, as defined by

|   |   | Dual Degree-Bach   | elor of Advance | ed Mathemat  | ic <b><del>s</del>l(onours)</b>                    |
|---|---|--|-----------------|--|--|
|   |   |  | with a maj      | ior in Advanc  | ed Statistics                                      |
| SCIF1131         MATH1081           T1, T3         T1, T2, T3               |   | 6 UoC Level 1<br>H1241 Computer<br>Science Elective<br>, T2  |                 |  |  |
| MATH2221 (T2),<br>or MATH2621<br>(T3)                                       |   | H2901 MATH2931   |                 |  |  |
| MATH3821 MATH3901<br>T2 T1  | MATH3911 MATH38                                 | 31 (T2) OR         6 UoC Level 3           51 (T3) OR         Prescribed           8871 (T3)         MATH*   |                 |  |  |
| Science Elective  |   |  |                 |  |  |
|   |   |  |                 |  |  |
|   |   |  |                 |  |  |
| Program Structure (Dual Degree Mode)       Major     84 UoC<br>(14 courses) | in the 3970 Bachelor o<br>*Students must take 6 | e courses taken from within the Faculty of<br>of Science Online Handbook.<br>5 UoC of Stage 3 Mathematics chosen with<br>atics and Statistics or nominee |                 | General Education cou<br>dual degree programs (C<br>courses) | u <b>rses</b> are not allowed in<br>GENxxxxx coded |

of School of Mathematics and Statistics or nominee.

6 UoC

(1 course)

6 UoC

48 UoC

96 UoC or 144 UoC

(16 - 24 courses)

144

UoC

SCIF1131

Science Elective

Honours Year

Other Degree

6 UOC UOC 240-288 (eeounr25 (s)77 6 (e-.9 3))JEMC ET/Figure AVCID3055 BDC 09450 g6 838.8 2.592 25825766712 ref\*EMC BT/P AMCID 375 BDC 0 g-0.004 Tc -0.005 Tw98.96 -0 098.9669-1.328772.53286 Tm[\_\_\_\_UOU -7-2.1 CT

eetdE -.36(fo -7114 (r)-4.4 (st)1.5 cn)-2.7 ( -.2.9 (nE)-9.1rcn)-2.7 eC -7-2.1 dEPio -71

### Single Degree 3956 Bachelor of Advanced Mathematids (nours)

with a major in Applied Mathematics(MATHA13956)

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

General Education courses<u>annot</u> be Science courses, and Science students cannot take GEN<u>S</u> 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.

#### Dual Degree-Bachelor of Advanced Mathematics (nours)

with a major in Applied Mathematics

#### Stage 3 Electives:

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

List B Electives "Students must complete 12 UOC of Level 3 Mathematics courses, chosen with approval of the Head of School of Mathematics and Statistics or nominee.

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



## Single Degree 3956 Bachelor of Advanced Mathematided (nours)

with a major in Pure Mathematics(MATHP13956)

| SCIF1131<br>T1, T3 | MATH1081<br>T1, T2, T3 | MATH1141<br>T1, T3 | MATH1241<br>T1, T2                     | 6 UoC Level 1<br>Computer<br>Science Elective   | Free Elective        | Free Elective        | Free Elective |
|--------------------|------------------------|--------------------|--|---|----------------------|----------------------|---------------|
| MATH2111<br>T1     | MATH2221<br>T2         | MATH2601<br>T2     | MATH2621<br>T3                         | MATH2701<br>T3                                  | MATH2901<br>T2       | Free Elective        | Free Elective |
| MATH3611<br>T2     | MATH3701<br>T3         | MATH3711<br>T1     | 6 UoC of any<br>Level 3 MATH<br>course | 6 UoC of any<br>Stage 3 Approved<br>MATH course | General<br>Education | General<br>Education | Free Elective |

| Program Structure    |                        |            |         |  |  |
|----------------------|------------------------|------------|---------|--|--|
| Major                | 90 UoC<br>(15 courses) |            |         |  |  |
| SCIF1131             | 6 UoC<br>(1 course)    | 144<br>UoC |         |  |  |
| Honours Year         | 48 UoC                 |            | 192 UoC |  |  |
| Free Electives       | 36 UoC<br>(6 courses)  | • 48 UoC   | 192 000 |  |  |
| General<br>Education | 12 UoC<br>(2 courses)  | 40 000     |         |  |  |

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 , , and courses. Students may use their Science Electives and/or Free Electives to complete a second major or minor.

Please NoteSemester offerings are subject to change, please check the timetable prior to planning for your enrolment.

Free Electivesnay be from Science or any other Faculty at UNSW.

General Education courses<u>annot</u> be Science courses, and Science students cannot take GEN<u>S</u> 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: | - | UOC Completed |
|-------------------|-------------|---|---------------|
| Name:             |             | - | UOC Enrolled  |
| Date:             | Advisor:    |   | UOC Remaining |

|                    |                        |                | Dual D                                 | egree-Bache                                   | elor of Advand | ced Mathema   | atic <b>#</b> l(onours) |
|--------------------|------------------------|----------------|--|---|----------------|---------------|-------------------------|
|                    |                        |                |  |   | with a n       | najor in Pure | Mathematics             |
| SCIF1131<br>T1, T3 | MATH1081<br>T1, T2, T3 | MATH1141       | MATH1241<br>T1, T2                     | 6 UoC Level 1<br>Computer<br>Science Elective |                |               |                         |
| MATH2111<br>T1     | MATH2221<br>T2         | MATH2601       | MATH2621<br>T3                         | MATH2701<br>T3                                | MATH2901<br>T2 |               |                         |
| MATH3611<br>T2     | MATH3701<br>T3         | MATH3711<br>T1 | 6 UoC of any<br>Level 3 MATH<br>course | 6 UoC of any<br>Level 3 MATH<br>course        |                |               |                         |
|                    |                        |                |  |   |                |               |                         |
|                    |                        |                |  |   |                |               |                         |
|                    |                        |                |  |   |                |               |                         |

 
 Program Structure (Dual Degree Mode)

 Major
 90 UoC (15 courses)

 SCIF1131
 6 UoC (1 course)
 144 UoC

 Honours Year
 48 UoC

> 96 UoC or 144 UoC (16 - 24 courses)

Other Degree

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

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