Year 1 2024
8 units inclusive of:

* Essential

+ Electives* (6 in total)

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**Enrolment Pattern: School of Mathematical and Physical Sciences: Statistics**

BPhil/MRes Year 1 Advisor  Catherine Penington  catherine.penington@mq.edu.au
MRes Year 2 Advisor  Joanne Dawson  joanne.dawson@mq.edu.au

- STAT7900 - Research Frontiers in Statistics (S1)
- FOSE7000 - Research Communications in Science and Engineering (S2)

Highly recommended elective units:
- FOSE7902 Advanced STEM Research Placement (S1 or S2)
- STAT7111 Generalized Linear Models
- STAT7121 Multivariate Analysis
- STAT7178 Modern Computational Statistical Methods

Other elective units:
- STAT7310 Statistical Theory
- STAT7122 Time Series
- STAT7123 Statistical Graphics
- STAT7127 Survival Analysis
- STAT7150 Bayesian Data Analysis
- COMP7220 Data Science and Machine Learning

Additional elective unit options:
- Bespoke directed study opportunities are available through FOSE7701 & FOSE7702.
- 7000-lvl units from across the University as approved by the Yr 1 advisor and the unit convenor.

* Each student will develop their program with the advice and support of the discipline BPhil/MRes Yr 1 advisor and relevant subject matter experts in light of their individual research goals and learning needs.