

Year 1 2024
8 units inclusive of:

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

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MRes Year 2 Advisor

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Essential

STAT7900 - Research Frontiers in Statistics (S1)

FOSE7000 - Research Communications in Science and Engineering (S2)

+

Electives*
(6 in total)

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.*