

## Course progression map for 2025 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the [Handbook](#).

### M6025 Master of Biostatistics

#### Part-time Study

Year 1 Semester 1	MPH5040 Introductory epidemiology	EPM5026 Mathematical foundations for biostatistics
Year 1 Semester 2	EPM5005 Data management and statistical computing	EPM5003 Principles of statistical inference
Year 2 Semester 1	EPM5027 Regression modelling for biostatistics 1	Elective*
Year 2 Semester 2	EPM5028 Regression modelling for biostatistics II	Elective*
Year 3 Semester 1	Elective*	Elective*
Year 3 Semester 2	EPM5015 Biostatistics practical project	Elective*

#### Full-time Study

Year 1 Semester 1	MPH5040 Introductory epidemiology	EPM5026 Mathematical foundations for biostatistics	EPM5005 Data management and statistical computing	Elective*
Year 1 Semester 2	EPM5003 Principles of statistical inference	EPM5027 Regression modelling for biostatistics 1	Elective*	Elective*
Year 2 Semester 1	EPM5028 Regression modelling for biostatistics II	EPM5015 Biostatistics practical project	Elective*	Elective*

	Part A - Core biostatistics studies (48 points)
	Part B - Advanced practice studies (24 points)

\*Refer to the final page for the list of elective units.

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### Part A - Elective units

Two units:

At least one unit from the following:

- EPM5001 Health indicators and health surveys
- EPM5006 clinical biostatistics
- EPM5007 Design of randomised controlled trials
- EPM5017 Machine learning for biostatistics
- EPM5018 Causal inference

At most one 6cp unit from the course progression maps of the following courses:

- Master of Data Science (C6004) – excluding MAT9004, FIT5197, FIT5149, BMS5021
- Master of Public Health (M6024) – excluding MPH5041, MPH5200, MPH5270
- Master of Clinical Research (M6028) - excluding MPH5041, MPH5200, MPH5270
- Master of Business Analytics (B6022) – excluding ETC5510, ETC5242, ETC5521, ETC5250

### Part B - Elective units

Three units:

At least two units from the following:

- EPM5001 Health indicators and health surveys
- EPM5006 Clinical biostatistics
- EPM5007 Design of randomised controlled trials
- EPM5008 Longitudinal and correlated data analysis
- EPM5012 Statistical Genomics
- EPM5013 Bayesian statistical methods
- EPM5017 Machine learning for biostatistics
- EPM5018 Causal inference

At most one 6cp unit from the course progression maps of the following courses:

- Master of Data Science (C6004) – excluding MAT9004, FIT5197, FIT5149, BMS5021
- Master of Public Health (M6024) – excluding MPH5041, MPH5200, MPH5270
- Master of Clinical Research (M6028) - excluding MPH5041, MPH5200, MPH5270
- Master of Business Analytics (B6022) – excluding ETC5510, ETC5242, ETC5521, ETC5250