

MASSEY UNIVERSITY

Mathematics for Bachelor Degrees with Honours

Aims

The aims of the Bachelor Honours programme in Mathematics at Massey University are:

- 1 To sustain/enhance the pool of mathematicians.
- 2 To provide the background necessary to begin mathematical research.
- 3 To provide a variety of advanced mathematical training.
- 4 To prepare students for careers based on advanced mathematics.

Graduate Attributes

A graduate from a Massey University Bachelor Honours degree programme in Mathematics will:

- 1 Have attained a high level of competency in advanced mathematical knowledge of a variety of mathematical topics and skills.
- 2 Have developed an ability to apply mathematical knowledge and skills to abstract and practical problems.
- 3 Be able to use mathematical computer software.
- 4 Have developed the ability to communicate and discuss mathematical ideas effectively.
- 5 Be able to read and understand mathematical text.
- 6 Have specialised in some topics to a greater depth (than for a Mathematics major in the bachelor degree programme).
- 7 Be able to understand mathematically rigorous proofs.