

General Mathematics

Level: Stage 2

Course length: Full year

Credit value: 20 Credits

Advice to students

General Mathematics extends students' mathematical skills in ways that apply to practical problem solving. A problem-based approach is integral to the development of mathematical models and the associated key concepts in the topics. Topics cover a diverse range of applications of mathematics, including personal financial management, the statistical investigation process, modelling using linear and non-linear functions, and discrete modelling using networks and matrices.

Course overview

- Topic 1: Modelling with Linear Relationships
- Topic 2: Modelling and Matrices
- Topic 3: Statistical Models
- Topic 4: Financial Models
- Topic 5: Discrete Models

Assessment

- 5 Skills and Applications Tasks 40%
- 2 Folio Tasks 30%
- Examination (2 hours) 30%

Pathways

Successful completion of General Mathematics at Stage 2 prepares students for entry to tertiary courses requiring a non-specialised background in Mathematics.