Flinders University

Foundation Studies
Option Maths Topic

Develop the maths skills needed for your university pathway

The Foundation Studies Maths topic for STEMM Disciplines supports students preparing for undergraduate study in science, technology, engineering, mathematics and medicine.

You'll strengthen your understanding of algebra and functions, develop problem-solving skills and build confidence working with mathematical concepts.

The topic covers:

- Polynomials
- Rational functions
- Exponentials and logarithms
- Trigonometric functions

You'll learn to formulate problems, graph and interpret functions, solve equations and apply mathematics in real-world contexts.

Who is the topic for?

This topic is ideal if you are:

- Planning to study a STEMM degree such as science, information technology, engineering or mathematics
- Looking to refresh key maths concepts
- Wanting to build confidence before starting uni

What will you develop?

- Stronger algebra and function skills
- Confidence using mathematical language
- Graphing and analytical skills
- The ability to apply maths in scientific contexts

What assumed knowledge do you need?

Students should have a working knowledge of arithmetic, basic algebra and geometry, including:

- Positive and negative numbers
- Fractions
- Powers and roots
- Rearranging equations
- Cartesian coordinates

Find out more

This topic is delivered online and is available to students enrolled across the Foundation Studies programs. To discuss whether this topic is suitable for your study pathway, contact us for more information.