Applied Mathematics

University of Aberdeen

Venues

Old Aberdeen Campus

Content

Applied Mathematics at Aberdeen gives you all the benefits of a top-quality mathematical education in a thriving centre of mathematical teaching and research, with focus on how we apply mathematics to better understand our world today.

Mathematics is not just about crunching numbers – it's about logical thinking, solving problems, decision making and understanding why things work – the main skills that recruiters look for in potential employees. Mathematicians are in high demand across a range of sectors, including IT, finance, engineering and teaching.

Pure maths is about solving problems and developing theories within mathematics but applied maths is more about using mathematical theory to solve problems in other areas, including science, engineering, and physics. A lot of the theory that gets developed by pure mathematicians later becomes useful for applied mathematicians (and engineers, physicists etc.).

This Applied Mathematics BSc programme covers the core courses as studied in the pure Mathematics BSc degree. Additional core courses offered specifically in the Applied Maths degree include, Engineering Mathematics and Advanced Calculus. There are also a range of optional courses that can be chosen from both maths and physics areas.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

BSc Hons

UCAS Code

G120

Course Length

4 years

Faculty

Arts and Social Sciences

Department

Social Science

Entry Requirements

2027 entry requirements:

Standard entry:
4 Highers at BBBB including two maths or science subjects plus English, Maths and Chemistry or Physics at National 5.

For second year entry you would require 3 Advanced Highers at ABB including two maths and science subjects.

Widening access entry:
3 Highers at BBC including two maths or science subjects plus English, Maths and Chemistry or Physics at National 5.

1 Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

10

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.abdn.ac.uk