Chemistry with Mathematics

University of St Andrews

Content

Everything around us involves chemistry, from the food that we eat to the air that we breathe. Chemistry is a vibrant and exciting central science that interfaces with biology, physics, mathematics, medicine and geology, and St Andrews offers appropriate modules highlighting the importance of these interfaces.

At St Andrews, students are able to build their fundamental training in chemistry into specialised areas including medicinal chemistry, materials, molecular biology, nanotechnology, catalysis and surface science. Chemists are highly valued as researchers, developers and managers in manufacturing industries including fuels and pharmaceuticals.

The primary focus of Mathematics at St Andrews is understanding patterns and structure, and developing the tools with which to analyse them. Students of mathematics are able to describe, categorise and understand processes involved in physical or biological phenomena, as well as the structure of mathematics itself.

The study of Mathematics at St Andrews allows students to specialise in either pure or applied mathematics, from abstract theory to a range of applications in physics, computer science, biology and finance.

Start Date

September

Qualification

Degree

Study Method

Full time

Award Title

MChem

UCAS Code

F1G1

Course Length

5 years

Faculty

Faculty of Science

Department

Chemistry

Entry Requirements

2027 entry requirements

Standard entry:
5 Highers at AAAAB including Chemistry and Maths at A plus English at National 5 at B.

Widening access entry:
4 Highers at AABB including Chemistry and Maths at A plus English at National 5 at B. (You may gain entry to the Gateway programme with 4 Highers at BBBB).

Entry to second year is possible with Advanced Higher Maths and Chemistry at AA plus Highers at AAAAB.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.st-andrews.ac.uk