

## Modern Languages Teaching Centre.

Your French, German or Spanish language sessions will be led by the University of Sheffield's Modern Languages Teaching Centre, which has provided language tuition to students, staff and the local community for more than 30 years.

As a student in the Centre, you will become an active and proficient practitioner of your chosen language. As well as covering the theory (eg. grammar, phonetics), you'll build up your communication skills through speaking, listening, writing, reading, mediation and translation in functional, culturally significant situations.

By the end of your degree, it's expected that your language abilities and confidence will be close to a native speaker's.



## Be Sheffield

## Made.

The information given here is based on the current academic year and plans we're making for future years of study. There may be some changes before you start your course. For the latest information, visit our website.

[www.sheffield.ac.uk/maths](http://www.sheffield.ac.uk/maths)

[www.youtube.com/sciencesheffield](http://www.youtube.com/sciencesheffield)



The University Of Sheffield.

## Your Mathematics

## course with

## French, German

## or Spanish

UCAS codes:  
G1R1 / G1R2 / G1R4



The maths modules listed here will allow you to build up a solid foundation in pure maths, applied maths, and probability and statistics. Once you've covered the essentials, you'll have a range of options.

In levels one, two and four, you'll also have language classes alongside your maths modules. This will include classroom sessions, conversations with native speakers, projects and presentations in the language you're studying.

### Level one.

#### Core modules:

- Foundations of Pure Mathematics
- Mathematics Core
- Probability and Data Science

### Level two.

#### Core modules:

- Mathematics Core II
- Analysis and Algebra
- Statistical Inference and Modelling

#### Optional modules:

- Group Theory
- Mathematics and Statistics in Action
- Stochastic Modelling

There is also a module to prepare you for the practicalities of studying abroad in third year, from researching where you'll be staying to working out how to set up a bank account.

### Level three.

This is the year you'll spend studying maths at a top university outside the UK where the language you've been learning is spoken.

The topics you'll cover will build on the maths you've already studied and open up lots of options when you return to Sheffield for level four.



### Level four.

#### Core modules:

- Project in Mathematics

#### Optional modules:

- Advanced Topics in Algebra
- Algebraic Topology
- Bayesian Statistics and Computational Methods
- Financial Mathematics
- Functional Analysis
- Further Topics in Mathematical Biology

- Generalised Linear Models
- Mathematical Modelling of Natural Systems
- Machine Learning
- Medical Statistics
- Probability and Random Graphs
- Probability with Measure
- Sampling Theory and Design of Experiments
- Stochastic Processes and Finance
- Topics in Number Theory