

## Mathematical Biology

University of St Andrews

### Content

This MSc prepares students with a background in mathematics and related fields for a PhD in Mathematical Biology or a research career in the biomedical sector. A wide range of topics are covered including mathematical oncology, ecological modelling, medical statistics, and population dynamics.

There is a growing worldwide demand for students with these skills in mathematical biology academic research, as well as in the life sciences industrial sector, including biotechnology, biomedical, healthcare and pharmaceutical companies.

Compulsory modules include: Spatial Models and Pattern Formation in Mathematical Biology; Stochastic Dynamics in Biology; Mathematical Oncology; and Advanced Computational Techniques.

### Start Date

September

### Qualification

Postgraduate Master's

### Study Method

Full time

### Award Title

MSc

### Course Length

1 year

### Faculty

Faculty of Science

### Department

Mathematics and Statistics

### Entry Requirements

2:1 Honours degree in mathematics, statistics or a closely related subject area.

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

College Gate  
St Andrews  
Fife  
KY16 9AJ

## Website

[www.st-andrews.ac.uk](http://www.st-andrews.ac.uk)