

# Mathematics MPhil/PhD

## Key features of this course:

The University of Worcester welcomes applications to undertake research towards MPhil and PhD degrees in Mathematics or Statistics.

Research at Worcester has grown significantly in the last 10 years as the University itself has expanded. As a research student you will join a vibrant student community in our Research School and become part of our dynamic research environment.

You will have the opportunity to be supervised by leading researchers in your field and take advantage of our rich Researcher Development programme which will help you to develop the skills and knowledge you need to complete your research degree but also enhance the skills you will need in any future career.

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## Our MPhil/PhD research degree programme offers you:

### Wide variety of research interests

The [Institute of Science and the Environment](#) has a strong mix of academics with a high degree of professional and personal experience, enabling you to get the most out of your programme. Our Mathematics staff have expertise in Bayesian Dynamic Generalised Linear Modelling, Statistical Modelling in Sport, Statistics Education, Combinatorial Optimisation, Evolutionary Computation, Sports Scheduling and Mathematical Modelling.

### Excellent supervision

Benefit from a professional and challenging relationship with your supervisory team, drawn from experienced academics working at the forefront of their disciplines.

### Resources

Access to the University of Worcester's virtual resources and its state of the art library facilities. The Mathematics team at Worcester have an excellent range of resources available to support your learning and your research project, including access to the University's brand new High Performance Computing facility and excellent links with all areas of the University for those interested in projects that cross over into other subject domains.

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## How to apply

[Apply for this course - full time](#) [Apply for this course - part time](#)

Please make your application via our online application form. If you have any questions, please contact the Research School on 01905 542182 or [research@worc.ac.uk](mailto:research@worc.ac.uk)

**Before you submit a full application**, please contact Dr Mark Johnston ([m.johnston@worc.ac.uk](mailto:m.johnston@worc.ac.uk)) to discuss your research project and the availability of appropriate supervision.

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## Supervisors

### Dr Mark Johnston

Expertise: combinatorial optimisation, evolutionary computation, sports scheduling, mathematical modelling.

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