

The MASDOC Doctoral Training Centre is funded by a £4m grant from the EPSRC, and run jointly between the Department of Mathematics and the Department of Statistics at Warwick. Warwick Pure Mathematics was ranked 2nd in the UK in the 2008 RAE and Applied Mathematics ranked equal first in the UK for the proportion of its research given the top 4\* "world-leading" rating. Warwick Statistics Department is one of the strongest in the UK in research. A quarter of its research activity was assessed at the very highest level (4\*), "Quality that is world-leading in terms of originality, significance and rigour".

### RESEARCH DEGREES

DOCTOR OF PHILOSOPHY (PhD)

### TAUGHT MASTER'S DEGREE

MASDOC MSc IN MATHEMATICS AND STATISTICS

### CONTACT DETAILS

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### RESEARCH GROUPS

Analysis which provides the language and tools for mathematical formulations, well-posedness and qualitative study of models of continuum phenomena in large multi-scale and multi-physics applications.

Computation and Numerical Analysis for the numerical simulation of complex models. The design of good computational methods is a significant mathematical challenge requiring the interplay between analysis and computing in the context of applications.

Probability to provide a detailed and rigorous understanding of the behaviour of complex stochastic models motivated by applications.

Statistics for inference in both deterministic and stochastic models, exploiting the increasing volume and quality of data now routinely available in many areas of science and technology.

# MATHEMATICS AND STATISTICS DOCTORAL TRAINING CENTRE (MASDOC)

[www.warwick.ac.uk/go/masdoc](http://www.warwick.ac.uk/go/masdoc)

## RESEARCH DEGREES

### DOCTOR OF PHILOSOPHY (PhD)

**Standard Duration: 3 years full-time**

With independent research on topics in Mathematics and Statistics, the MASDOC doctoral training programme lasts four years and comprises an innovative taught-course component and PhD research of the highest standard. Up to 10 funded studentships, providing fees and a stipend, will be available for the entry in October 2012.

### APPLICATION FACT FILE (RESEARCH DEGREES)

#### Entry Requirements

First in Mathematics or Statistics, plus five years of Mathematics or Statistics education at undergraduate and graduate level including a one-year preparation to research. Students with only four years of education should apply to the MASDOC MSc programme.

#### English Language Requirements

IELTS 6.5, TOEFL (iBT) 92 or equivalent

#### Application

Prospective students are welcome to contact the Department before making an application. All applications are made online at [www.warwick.ac.uk/go/pgapply](http://www.warwick.ac.uk/go/pgapply)

#### Application Deadline

31 July

#### Tuition Fees

(2011/2012 fees. Please note that fees for 2012/13 will be published online in spring 2012.)

Home/EU: Full-time £3,900, Part-time £2,340

Overseas: (Band 1)

Full-time £12,115, Part-time £7,269

Overseas: (Band 2 – lab-based)

Full-time £15,460, Part-time £9,276

#### Funding

Full and partial studentships are available for EU students. See departmental website for further information. Details of the Chancellor's Scholarships and other funding opportunities are available from: [www.warwick.ac.uk/go/graduateschool](http://www.warwick.ac.uk/go/graduateschool)

## TAUGHT MASTER'S DEGREE

### MASDOC MSc IN MATHEMATICS AND STATISTICS

**Standard Duration: 1 year full-time**

**Places available: 10**

The Mathematics and Statistics DTC provides research training in the form of an MSc. On completion of the MSc, all MASDOC students are expected to complete a PhD programme in Mathematics or Statistics.

### APPLICATION FACT FILE (TAUGHT MASTER'S DEGREE)

#### Entry Requirements

A first in Mathematics or Statistics from a UK university or an equivalent overseas institution. At least four years of Mathematics or Statistics education at undergraduate or graduate level.

#### English Language Requirements

IELTS 6.5, TOEFL (iBT) 92 or equivalent

#### Application

Prospective students are welcome to contact the Department before making an application. All applications are made online at [www.warwick.ac.uk/go/pgapply](http://www.warwick.ac.uk/go/pgapply)

#### Application Deadline

End of July, but earlier application is essential for students applying for funding or visa.

#### Tuition Fees

(2011/2012 fees. Please note that fees for 2012/13 will be published online in spring 2012.)

Home/EU: Full-time £6,080, Part-time £3,040

Overseas: (Band 1)

Full-time £12,325, Part-time £6,163

Overseas: (Band 2, lab-based)

Full-time £15,460, Part-time £9,276

#### Funding

EPSRC studentships for EU citizens who have been resident in the UK for at least three years. See departmental website for further information. Details of other funding opportunities are available from: [www.warwick.ac.uk/go/graduateschool](http://www.warwick.ac.uk/go/graduateschool)