



DEPARTMENT OF  
STATISTICS  
UNIVERSITY OF OXFORD

# DPhil in Statistics



[www.stats.ox.ac.uk](http://www.stats.ox.ac.uk)

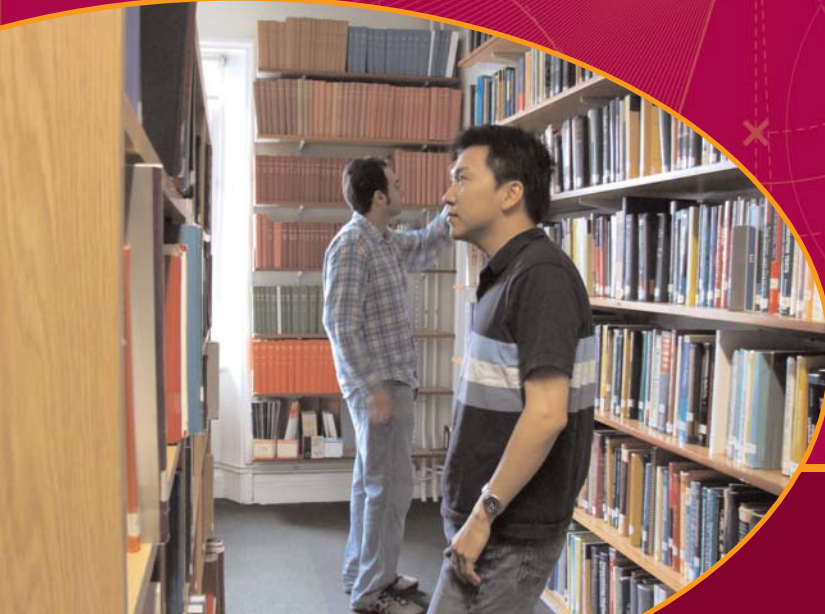


## DPhil in Statistics

The Department of Statistics aims to admit up to 20 doctoral students each year, usually as probationer research students, to a programme of instruction and research leading to the DPhil degree. We are fortunate in being able to attract to Oxford outstanding research students, from the UK and abroad. A doctorate normally requires three to four years.

Our research students are actively involved in a lively academic community by means of journal clubs, seminars, working groups and social events. They receive training in modern probability, stochastic modelling, statistical methodology, computational methods and transferable skills, in addition to specialised topics relevant to specific application areas.

A structured programme of training in modern statistical methodology is available via courses in the Oxford Graduate School of Statistics and the Academy for Postgraduate Training in Statistics (APTS), of which the Department is a founding member.



## Supervision

Each student is assigned a supervisor with whom they meet frequently to discuss their research. There is also a second advisor with whom they meet once a term. Students have good opportunities to give seminars and attend conferences.

## Funding

Several EPSRC awards for Doctoral study are available each year. This funding is restricted to UK and other EU students. Those who have been normally resident in the UK for the past three years are eligible for awards covering all University and College fees and subsistence, while other EU citizens are eligible for fees-only awards.

Departmental Teaching Assistant Bursaries are usually available each year, to fund or assist in funding doctoral studies. These are open to UK, EU and international applicants and are advertised on the Departmental website [www.stats.ox.ac.uk](http://www.stats.ox.ac.uk)

## College Place

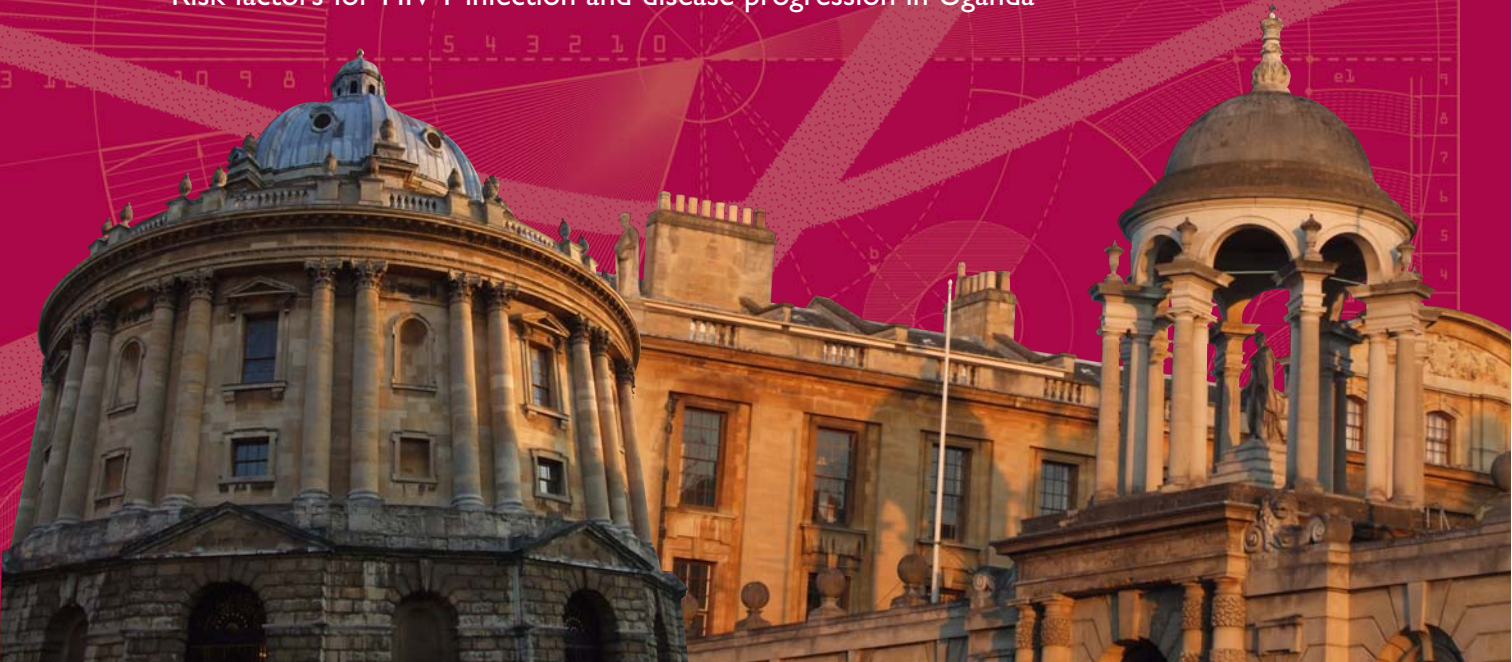
In order to obtain a graduate place at Oxford, as well as being accepted by the Department concerned with your subject, you must also be accepted by a college. Individual college entries at [www.admin.ox.ac.uk/gsp/colleges](http://www.admin.ox.ac.uk/gsp/colleges) give contact details for admissions queries.

If you are offered a place on the DPhil programme of study, your offer letter will state that you are guaranteed a place at a college. The college will contact you separately and make an offer of a place subject to your satisfying any funding conditions required by it. However, this place will not necessarily be at the college you have specified on your application form. Some colleges are heavily over-subscribed and not all applicants can be accepted at their specified college. Applicants in this position will be allocated a place at another college.

# Some research projects over recent years

## Some successful recent DPhil Statistics topics have included:

- Statistical challenges arising in genome-wide association studies
- Lifetime of parallel component systems with dependent failures and multiple covariates
- Human genetic variation and the evidence for natural selection
- Estimation of the variation of prices using high frequency financial data
- Risk factors for HIV-1 infection and disease progression in Uganda



# Department of Statistics

The Department of Statistics has teaching and research strengths in a wide range of modern areas of statistical science. It has experienced an exciting period of growth and development in recent years, making it one of the strongest in the UK.

If you would like to join the Department as a research student, you are recommended to discuss your application with either the Director of Graduate Studies ([graduate.studies@stats.ox.ac.uk](mailto:graduate.studies@stats.ox.ac.uk)) or with individual academic members of staff in your research area of interest. When you apply it would be helpful, and to your advantage, to be as specific as you can about your potential areas.

The main research interests of the Department fall into following categories:

- Computer-intensive Statistics
- Complex Stochastic Systems
- Applied Probability
- Bioinformatics
- Mathematical and Statistical Genetics
- Discrete mathematics and operational research

Please see our website at [www.stats.ox.ac.uk/research](http://www.stats.ox.ac.uk/research) for further details.



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# How to get in touch

Visit our website: [www.stats.ox.ac.uk](http://www.stats.ox.ac.uk)

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Information about the University of Oxford is available at [www.ox.ac.uk](http://www.ox.ac.uk)

The University Graduate Studies prospectus is available from:

[www.admin.ox.ac.uk/postgraduate](http://www.admin.ox.ac.uk/postgraduate) where you can apply for the DPhil programme online or download an application form.

Paper copies of the application form can also be obtained by contacting:

**The Graduate Admissions Office**

University Offices

Wellington Square

Oxford

OX1 2JD

Email: [graduate.admissions@admin.ox.ac.uk](mailto:graduate.admissions@admin.ox.ac.uk)

