

Course Information Sheet for entry in 2016-17

MSc by Research in Mathematics

About the course

This is a higher research degree suitable only for able candidates. The MSc requires a significant and substantial contribution to knowledge.

The MSc by Research is exactly like a doctorate, but with a research project designed to take less time (normally two years, though it is possible to complete the requirements in a single year). It is not intended as a first step towards a DPhil, but rather as an alternative to a DPhil. There are no associated lectures, classes or written examinations. It can be in any of the subject areas for which supervision is available.

If you are hoping to do the MSc by Research, you will be admitted as a Probationer Research Student in exactly the same way as those intending to do the DPhil. Thus it is quite possible to switch between the two. The same standards are applied for admission for the two degrees.

Subject areas cover the entire spectrum of mathematics. The department's research is conducted in many fields, including:

algebra (primarily group theory and representation theory)

number theory

algebraic geometry

differential geometry

complex manifolds

global analysis

functional analysis

stochastic analysis

dynamical systems

mathematical logic, optimisation

combinatorial theory

quantum theory

string theory

relativity

mathematical biology and ecology

mathematical modelling



fluid and continuum mechanics

numerical analysis

mathematics applied to problems in earth sciences, materials science and finance.

Changes to courses

The University will seek to deliver each course in accordance with the descriptions set out above. However, there may be situations in which it is desirable or necessary for the University to make changes in course provision, either before or after registration. For further information, please see the University's Terms and Conditions.

Expected length of course

3 to 4 years

Annual fees for entry in 2016-2017

| Fee Status | Tuition fee | College fee | Total annual fees |
|--------------------------------|-------------|-------------|-------------------|
| Home/EU (including islands) | c. £4,200 | £2,933 | c. £7,133 |
| Overseas | £16,280 | £2,933 | £19,213 |

The fees shown above are the annual tuition and college fees for this course for entry in the 2016-17 academic year; for courses lasting longer than one year, please be aware that fees will usually increase annually. For details, please see our guidance on likely increases to fees and charges.

Tuition and college fees are payable each year for the duration of your fee liability (your fee liability is the length of time for which you are required to pay tuition and college fees).

Graduate students who have reached the end of their standard period of fee liability may be required to pay a termly University and/or college continuation charge.

The University continuation charge, per term for entry in 2016/17, is currently £440, please be aware that this will increase annually.

For part-time students, the termly charge will be half of the termly rate payable by full-time students.

If a college continuation charge applies (not applicable to non-matriculated courses) it is likely to be in the region of £100 to £400 per term. Please contact your college for more details.

Additional cost information

There are no compulsory elements of this programme that entail additional costs beyond fees and living costs. However, please note that, depending on your choice of research topic and the research required to complete it, you may incur additional expenses, such as travel expenses, research expenses, and field trips. You will need to meet these additional costs, although you may

be able to apply for small grants from your department and/or college to help you cover some of these expenses.

Living costs

In addition to your fees, you will need to ensure that you have adequate funds to support your living costs for the duration of your course.

The likely living costs for 2016-17 are published below. These costs are based on a single, full-time graduate student, with no dependants, living in Oxford. We provide the cost per month so you can multiply up by the number of months you expect to live in Oxford.

| | Likely living costs for 1 month | | Likely living costs for 9 months | | Likely living costs for 12 months | |
|--------------------------|---------------------------------|-------------|----------------------------------|-------------|-----------------------------------|-------------|
| | Lower range | Upper range | Lower range | Upper range | Lower range | Upper range |
| Food | £265 | £298 | £2,384 | £2,673 | £3,177 | £3,565 |
| Accommodation | £469 | £667 | £4,221 | £6,002 | £5,627 | £8,006 |
| Personal items | £119 | £244 | £1,073 | £2,187 | £1,429 | £2,915 |
| Social activities | £60 | £107 | £539 | £960 | £718 | £1,280 |
| Study costs | £36 | £73 | £314 | £661 | £418 | £880 |
| Other | £19 | £44 | £197 | £410 | £265 | £547 |
| Total | £970 | £1,433 | £8,727 | £12,894 | £11,636 | £17,191 |

When planning your finances for any future years of study in Oxford beyond 2016-17, you should allow for an estimated increase in living expenses of 2% each year.

More information about how these figures have been calculated is available at www.ox.ac.uk/admissions/graduate/fees-and-funding/living-costs.

21 October 2015