

Course Information Sheet for entry in 2017-18

Industrially Focused Mathematical Modelling (EPSRC Centre for Doctoral Training)



About the course

The EPSRC Centre for Doctoral Training (CDT) in Industrially Focused Mathematical Modelling (InFoMM) will train cohorts of academically outstanding students in a broad range of techniques spanning mathematical modelling, analysis and computation relevant to addressing challenges that face modern companies.

You will be actively engaged with the CDT's company partners through courses, events, mini projects and research projects.

The CDT provides the ideal staging ground if you are a mathematician, or mathematically-oriented scientist, who wants to expand your arsenal of mathematical techniques, improve team-working and communication skills and tackle real-world problems coming from industry.

This degree has two components. The first year programme comprises two blocks of material taught by academics punctuated by two Industrial Enrichment Programmes, delivered by the CDT's industrial partners. There will be a 'light-touch' assessment of each of the academic courses in the first year. These are followed by two ten-week periods of research focused on well-defined company problems, at least one of which will be based at a company.

You will choose a project aligned with one of the CDT's partner companies for your main research topic, which will be carried out during years two to four. These projects will be supervised by Oxford academics and company representatives. You will spend around one month each year visiting the company. You will write a short dissertation during the first half of your second year which will be assessed to determine whether you can continue on the course.

The CDT's partner companies span many sectors and are interested in exploiting mathematics (including continuum mechanics, discrete methods, numerical techniques and data analytics) to address strategic company issues.

You will gain (i) fluency in a wide range of advanced mathematical techniques, (ii) a breadth of modelling experience, and (iii) a set of team-working and communication skills much greater than through traditional doctoral studies. Alumni will be ideally placed to pursue careers either in academia or in industry.

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

4 years

Annual fees for entry in 2017-2018

Fee Status	Tuition fee	College fee	Total annual fees
Home/EU (including islands)	£4,195	£3,021	£7,216
Overseas	£16,770	£3,021	£19,791

The fees shown above are the annual tuition and college fees for this course for entry in the stated 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 2017/18, is currently £455, 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 2017-18 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	£250	£350	£2,250	£3,150	£3,000	£4,000
Accommodation	£538	£619	£4,844	£5,569	£6,459	£7,425
Personal items	£115	£255	£1,035	£2,295	£1,380	£3,060
Social activities	£40	£119	£358	£1,073	£477	£1,431
Study costs	£38	£83	£338	£743	£451	£991
Other	£22	£45	£196	£407	£261	£543
Total	£1,002	£1,471	£9,021	£13,237	£12,028	£17,649

When planning your finances for any future years of study in Oxford beyond 2017-18, 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.

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