



## Course Information Sheet for entry in 2018-19

### Biomedical Imaging (EPSRC and MRC Centre for Doctoral Training)

#### About the course

The EPSRC and MRC Biomedical Imaging Centre for Doctoral Training is an innovative collaboration between the Universities of Oxford and Nottingham, combining world-leading expertise in all aspects of biomedical imaging, from cellular microscopy to medical imaging and from hardware development to image analysis, across both institutions.

This four-year programme of research and training has strong industrial support and is highly multi-disciplinary, enabling students from a wide range of quantitative scientific backgrounds to focus on areas of research which include:

- light microscopy, eg microscope development, live cell imaging, biomedical applications;
- medical imaging, eg MRI, ultrasound, magnetoencephalography, positron emission topography; and
- image analysis, eg machine learning, image-based biological and physiological modelling.

The first seven months of the course are devoted to acquiring advanced theoretical and technical skills that form the backbone of biomedical imaging, drawing from the engineering, mathematical, physical, chemical and biological sciences through a combination of intensive lecture courses and project work. Each taught module lasts for either one, two or three weeks and is assessed using a method appropriate to the course, for example, presentations, group assignments or assessed written work. This will be complemented with relevant research and communication skills training throughout the four years of the course.

A major advantage of the course is that it offers more than one route to choosing your substantive doctoral project. All applicants should check the list of industrially-linked projects on the Biomedical Imaging CDT website and then choose either Route A or B.

Route A is intended for applicants who are strongly interested in one of the industrially-linked projects for their doctoral research. Such applicants should state their interest in that project in their application, and if successful in gaining a place on the course will move directly from the training phase into that doctoral project. Please note that the CDT's ability to recruit via Route A is limited by the availability of industry-linked projects, but priority over Route B will be applied to filling any industry-linked projects from the pool of suitable applicants to the programme.

Route B is intended for applicants who prefer to keep their options open, or who would definitely prefer a purely academically-focused project. Successful applicants to Route B will be presented with a range of project options during the training phase, allowing them to make an informed choice of research project. After completion of the taught training phase, two exploratory research projects of ten weeks duration each are undertaken, at least one of which will be in the institution to which you are admitted (Oxford or Nottingham).

The doctoral project, chosen between the two exploratory projects, then follows, also based primarily in the host institution.

All projects are designed to encourage interdisciplinary research and, ideally, Route B students undertake short projects in different, complementary areas of biomedical imaging.

#### Changes to courses

The University will seek to deliver this course in accordance with the description 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

## Costs

### Annual fees for entry in 2018-19

Fee status	Tuition fee	College fee	Total annual fees
Home/EU (including Islands)	£4,260	£3,112	£7,372
Overseas	£19,915	£3,112	£23,027

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. Information about how much fees and other costs may increase is set out in the University's Terms and Conditions.

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 a college continuation charge.

The University continuation charge, per term for entry in 2018-19 is £468, 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 for non-matriculated courses) it is likely to be in the region of £100 to £400 per term. Please contact your college for more details.

Students admitted by the University of Oxford are liable for 12 terms of fees. Students admitted by the University of Nottingham are enrolled at the University of Oxford for three terms in the first academic year of their programme and are liable for three terms of fees at the University of Oxford.

### Additional cost information

There are no compulsory elements of this course that entail additional costs beyond fees (or, after fee liability ends, continuation charges) 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 tuition and college 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 2018-19 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
<b>Food</b>	£258	£361	£2,318	£3,245	£3,090	£4,326
<b>Accommodation</b>	£536	£677	£4,824	£6,093	£6,432	£8,124
<b>Personal items</b>	£118	£263	£1,066	£2,364	£1,421	£3,152
<b>Social activities</b>	£41	£123	£369	£1,105	£492	£1,474
<b>Study costs</b>	£39	£85	£348	£765	£464	£1,020
<b>Other</b>	£22	£47	£202	£419	£269	£559
<b>Total</b>	£1,014	£1,556	£9,127	£13,991	£12,168	£18,655

When planning your finances for any future years of study at Oxford beyond 2018-19, you should allow for an estimated increase in living expenses of 3% each year.

More information about how these figures have been calculated is available at [www.graduate.ox.ac.uk/livingcosts](http://www.graduate.ox.ac.uk/livingcosts).

Please consult the University of Nottingham website for further information about living costs while studying at that institution.