



Course Information Sheet for entry in 2019-20

DPhil in Genomic Medicine and Statistics

About the course

This four-year DPhil programme aims to train future scientific leaders who will work at the cutting edge of genomics in biomedical research and the clinic.

The first year of the DPhil course contains a series of taught modules focused within the first term of the course. First-year students then undertake short research projects in two laboratories over the next two terms in three-month rotations, carry out a literature review and receive additional training and teaching sessions tailored to the needs of individual students.

The research projects and lab visits help inform the choice of a DPhil project for the subsequent three years of the programme. Students joining the programme are drawn from very diverse backgrounds, ranging from genetics to pure maths but united by a track record of academic excellence and enthusiasm for this field.

Module information

The taught modules cover fundamental topics within genomics, functional genomics, bioinformatics and statistics, genome engineering, imaging and cell manipulation. The teaching modules combine theoretical and practical classes. In addition, throughout the course students are encouraged to take optional modules and attend teaching organised through the skills training available through the Medical Sciences Doctoral Training Centre.

Characteristic of genomic science are state-of-the-art experiments generating large and complex data sets. Students on this programme will undertake comprehensive training to gain familiarity with both the challenges, vagaries, and artefacts of the complicated experiments which generate the data, as well as with the strengths and weaknesses of routine tools used for data analysis. Students will use and learn approaches leveraging next generation sequencing and other technologies, including application in genomics, transcriptomics, proteomics, metabolomics and epigenomics, all of which are critical to the growing understanding of basic biology in normal and disease tissues.

Teaching and learning

The taught component of the course will be delivered by expert faculty including experienced principal investigators and postdoctoral scientists. Class sizes for taught modules will typically be between 5 and 20 students depending on format and content (median estimated at 12 students). Independent learning is also encouraged. Lab rotations will be under the supervision of a named principal investigator. Workload involved is commensurate with full time employment.

The first year of your graduate studies will be overseen by an academic mentor who will monitor your academic progress and be available to offer advice and support throughout the course of your graduate studies. The final three years of the course will comprise doctoral research under the supervision of two named supervisors and a doctoral committee, who will bring together complementary expertise and experience relevant to the doctoral research.

During your doctoral research you are expected to attend regular lab meetings and take part in all departmental graduate student training and assessment sessions. Your progress in the laboratory will be monitored formally via supervisor feedback forms submitted three times per year.

Applicants are advised to visit the course webpage for further information about supervisors connected to this programme.

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 2019-20

Fee status	Annual Course fees
Home/EU (including Islands)	£7,665
Overseas	£23,950

The fees shown above are the annual course fees for this course, for entry in the stated academic year.

Course fees cover your teaching as well as other academic services and facilities provided to support your studies. Unless specified in the additional information section below, course fees do not cover your accommodation, residential costs or other living costs. They also don't cover any additional costs and charges that are outlined in the additional cost information below.

Course 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 course fees). 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.

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 2019-20 is £488, 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.

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 course 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 2019-20 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	£371	£2,387	£3,342	£3,183	£4,456
Accommodation	£566	£739	£5,093	£6,655	£6,790	£8,874
Personal items	£122	£271	£1,098	£2,435	£1,464	£3,246
Social activities	£42	£126	£380	£1,138	£506	£1,518
Study costs	£40	£88	£359	£788	£478	£1,051
Other	£23	£48	£208	£432	£277	£576
Total	£1,058	£1,643	£9,525	£14,790	£12,698	£19,721

When planning your finances for any future years of study at Oxford beyond 2019-20, 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.