

## Course Information Sheet for entry in 2024-25: MSc in Neuroscience



### Course facts

Mode of study	Full Time Only
Expected length	12 months

### About the course

The one year MSc is interdisciplinary in content and completely inter-departmental in structure, since at least nine departments or research centres contribute to it each year. Providing both theoretical and practical training, including two research laboratory placements, the course is modular and therefore flexible with respect to participants' backgrounds and interests.

The course takes an integrated approach to neuroscience and provides skills training in a wide range of experimental and theoretical methods intended to enable you to ask questions and tackle problems that transcend the traditional disciplines from which neuroscience has evolved.

You will undertake two extended research projects from a choice of over 100 offered each year by the extensive neuroscience research community in Oxford. You will also attend the graduate programme lecture series, which provides a broad education covering molecular, cellular, systems, computational and cognitive neuroscience.

The academic year begins in late September and is divided into three terms.

The first term provides an introduction to neuroscience and research methods through five compulsory introductory modules and associated practical classes:

- Introduction to Neuroscience
- Neuroanatomy
- Synapses and Transduction
- Neuronal Cell and Molecular Biology
- Systems Neuroscience.

During the second and third terms you will combine advanced taught courses, essay writing and two laboratory rotations (research projects).

Advanced modules offered in previous years have included:

- Cognitive neuroscience
- Neuroscience and clinical mental health
- Computational neuroscience
- Sensory systems
- CNS Development, Plasticity and Repair
- Molecular neuroscience
- Genes, circuits and behaviour.

Examples of projects that have been published from the rotations can be found on the department's website. This will give an indication of the breadth of projects available.

Each of the MSc research projects lasts for about 16 weeks and is selected from a very extensive list of approved abstracts. With over 100 abstracts submitted each year there is always plenty of choice, but if you are interested in a particular lab or research topic, you are welcome to discuss a potential project independently with an appropriate supervisor. Many of these projects lead to publications.

### Supervision

The allocation of graduate supervision for this course is the responsibility of the Medical Sciences Division and it is not always possible to accommodate the preferences of incoming graduate students to work with a particular member of staff. Under exceptional circumstances a supervisor may be found outside the Medical Sciences Division. Students will have a day to day supervisor and student will meet this person regularly, often daily at the beginning of the project.

### Assessment

Each of the MSc research projects are written up as dissertations. The course concludes with an oral examination. The first term is assessed by the Qualifying Examination. In both the second and third terms there is a project that is written up as a

dissertation. Students also complete 4 optional modules over the 2 terms. This may be 2 per term but this is not mandatory. Each option is written up as a practical portfolio (Computational Neuroscience) or an essay for all other options. Students are also expected to attend Journal Club in both terms.

### **Changes to this course**

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 you commence your course. These might include significant changes made necessary by any pandemic, epidemic or local health emergency. For further information, please see the University's Terms and Conditions (<http://www.graduate.ox.ac.uk/terms>) and our page on changes to courses (<http://www.graduate.ox.ac.uk/coursechanges>).

## Costs

### Annual fees for entry in 2024-25

Fee status	Annual Course fees
Home	£12,540
Overseas	£38,660

### Information about course fees

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. Information about how much fees and other costs may increase is set out in the University's Terms and Conditions (<http://www.graduate.ox.ac.uk/terms>).

Course fees cover your teaching as well as other academic services and facilities provided to support your studies. Unless specified in the additional cost information (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.

### 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, as part of your course requirements, you may need to choose a dissertation, a project or a thesis topic. Please note that, depending on your choice of 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 2024-25 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 one month

	Lower range	Upper range
<b>Food</b>	£315	£495
<b>Accommodation</b>	£745	£925
<b>Personal items</b>	£190	£320
<b>Social activities</b>	£40	£95
<b>Study costs</b>	£35	£85
<b>Other</b>	£20	£35
<b>Total</b>	£1,345	£1,955

### Likely living costs for nine months

	Lower range	Upper range
<b>Food</b>	£2,835	£4,445
<b>Accommodation</b>	£6,705	£8,325
<b>Personal items</b>	£1,710	£2,880
<b>Social activities</b>	£360	£855
<b>Study costs</b>	£315	£765
<b>Other</b>	£180	£315
<b>Total</b>	£12,105	£17,595

### Likely living costs for twelve months

	Lower range	Upper range
<b>Food</b>	£3,780	£5,940
<b>Accommodation</b>	£8,940	£11,100
<b>Personal items</b>	£2,280	£3,840
<b>Social activities</b>	£480	£1,140
<b>Study costs</b>	£420	£1,020
<b>Other</b>	£240	£420
<b>Total</b>	£16,140	£23,460

When planning your finances for any future years of study at Oxford beyond 2024-25, it is suggested that you allow for potential increases in living expenses of 5% or more each year – although this rate may vary depending on the national economic situation.

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).

## Document accessibility

If you require an accessible version of this document please contact Graduate Admissions and Recruitment by email ([graduate.admissions@admin.ox.ac.uk](mailto:graduate.admissions@admin.ox.ac.uk)) or via the online form (<http://www.graduate.ox.ac.uk/ask>).