

Course Information Sheet for entry in 2023-24: MSc in Pharmacology



About the course

The aim of the MSc taught course in Pharmacology is to provide students with the necessary theoretical knowledge and practical training that will enable them to integrate post-genomic molecular biology with physiological function and drug discovery.

The course is taught over one year from October to September, comprising three 10-week terms and a fourth summer term.

The first term covers core material using lectures, tutorials and practical work, and aims to ensure that all students achieve the core knowledge of the principles and practice of pharmacology. The subjects covered include cell and receptor pharmacology, tissue and organ pharmacology, and pharmacology of the nervous system. At the end of the term, students sit a computer-based qualifying exam; passing this exam allows them to continue the course.

At the start of the second term, students follow a short course in quantitative pharmacology, covering aspects of receptor pharmacology and pharmacokinetics.

During the following weeks, students attend a series of Advanced Pharmacology lectures addressing topics which represent the research expertise of academic staff in the department. The lectures are organised into five themes or modules

- Cell Signalling
- Cardiovascular Pharmacology
- Neuropharmacology I: Neurodegeneration
- Neuropharmacology II: Psychopharmacology
- Drug Discovery

Lectures are combined with weekly laboratory sessions, discussion forums, journal clubs and small group tutorials to promote critical analysis of primary research literature.

Students are expected to spend 15 hours per week on independent reading throughout the first and second terms.

The third term is mainly taken up by a hypothesis-driven research project which is expected to involve four months of experimental work, extending throughout the term and into the long vacation term.

Applicants are advised to visit the Department of Pharmacology website to obtain further information on current research themes.

Supervision

The allocation of graduate supervision for this course, either within the Department of Pharmacology or other University departments, is the responsibility of the Department of Pharmacology and it is not always possible to accommodate the preferences of incoming graduate students to work with a particular member of staff. Project supervisors may be found outside the Department of Pharmacology subject to approval from the department. Students are expected to meet their supervisors on a weekly basis during their research project.

The course director acts as academic supervisor and will meet termly with the students to discuss academic progress

If students require specific help to adjust to an academic programme or to a new range of skills, the Course Director will work with them to ensure that they have additional support.

Assessment

The short quantitative course, which takes place at the start of the second term, will be examined in a written paper.

The material covered during the Advanced Pharmacology themes is examined in a two-part paper where students are required to:

- demonstrate synoptic knowledge of advanced topics in writing;
- critically analyse a research article.

At the end of the third term, students submit their dissertation and produce a poster presenting their research project. The latter forms the basis for a final oral examination.

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. These may include significant changes made necessary by a pandemic (including Covid-19), 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>).

Expected length of course

	Full Time Only
Expected length	12 months

In addition, further information about funding for the course can be found on the Department of Pharmacology website.

Costs

Annual fees for entry in 2023-24

Fee status	Annual Course fees
Home	£13,310
Overseas	£30,910

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 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 2023-24 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
Food	£300	£470
Accommodation	£715	£860
Personal items	£180	£305
Social activities	£40	£90
Study costs	£35	£80
Other	£20	£35
Total	£1,290	£1,840

Likely living costs for nine months

	Lower range	Upper range
Food	£2,700	£4,230
Accommodation	£6,435	£7,740
Personal items	£1,620	£2,745
Social activities	£360	£810
Study costs	£315	£720
Other	£180	£315
Total	£11,610	£16,560

Likely living costs for twelve months

	Lower range	Upper range
Food	£3,600	£5,640
Accommodation	£8,580	£10,320
Personal items	£2,160	£3,660
Social activities	£480	£1,080
Study costs	£420	£960
Other	£240	£420
Total	£15,480	£22,080

When planning your finances for any future years of study at Oxford beyond 2023-24, it is suggested that you allow for potential increases in living expenses of 5% or more each year – although this rate may vary significantly depending on how the national economic situation develops.

More information about how these figures have been calculated is available at www.graduate.ox.ac.uk/livingcosts.

Document accessibility

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