

## Course Information Sheet for entry in 2024-25: MSc in Integrated Immunology (Part-time)



### Course facts

Mode of study	Part Time <sup>†</sup>
Expected length	24 months

### About the course

The aim of the taught MSc in Integrated Immunology (Part-time) is to provide students with a stimulating and comprehensive education, high-quality research training and the professional skills required for a rewarding career in modern immunology. This part-time postgraduate course is delivered online over two years, with a one-week residential component in Oxford towards the end of the first year of study. The course is aimed at those who wish to study the exciting subject of immunology at a world-class institution, but who are not able to relocate to Oxford to study full-time in-person. We particularly welcome exceptional candidates from underprivileged, challenging or unconventional backgrounds, those residing in low- and middle-income countries, and those with caring or professional responsibilities.

The part-time online MSc in Integrated Immunology explores immunology in breadth and depth and is intended for science and medical postgraduates. It is a 24-month, part-time course comprising two taught units followed by an extended research project typically hosted by a University of Oxford research group. The first taught unit focuses on the fundamental science of immunology. This is taught over Michaelmas and Hilary terms of the first academic year. The second unit explores the applied, clinical and therapeutic aspects of immunology, and is taught over Trinity term and the long vacation of the first year. The third unit research project takes place over the second year of study, beginning in Michaelmas term and ending during Trinity term.

Taught units are each delivered across a series of five linked topic themes to ensure holistic coverage of modern immunology.

Course content includes:

The course is designed to support you with flexible part-time study, therefore, written, recorded and interactive materials are accessible asynchronously, allowing you to study at a time that suits you. The class will meet 'live' online, typically at fortnightly intervals during taught units. Pre-recorded lectures are given by speakers drawn from the University of Oxford Immunology Network, Oxford University Hospitals or external institutions. During the third unit you will undertake a desk-based remote project with staff affiliated to a top-ranked research department or institute across the Medical Sciences Division. Oxford has one of the highest concentrations of research-active immunologists in the world; students on this MSc course are therefore uniquely placed to benefit from this wealth of expertise.

Within taught units, topic themes each last between two and four weeks. In an average teaching week, students usually watch three to four pre-recorded lectures and complete related reading and asynchronous interactive activities. Each topic theme includes one or two synchronous 'live' online small group discussions, collaborative activities or problem-based learning sessions, which are led by tutors or students. Continuing professional development classes, including in scientific skills, careers and special research seminars take place throughout both taught terms. Self-directed study is also required alongside structured teaching. In the third term you will undertake an original, supervised research project to gain a working understanding of research techniques in immunology or a related area. Research supervisors provide regular support and guidance during the course of the desk-based project, and students are normally expected to work on their projects part-time during the week, or as agreed with their supervisor.

On average, over the units of study during the course term time we would expect students to devote an average of 12 hours per week to their studies.

A one-week residential is included as part of the course and is held in Oxford at the end of the first year of study. This will include special seminars and other academic activities, opportunities for professional networking and time to explore your college and the wonderful city of Oxford. This will include social events with your fellow students and the course team.

The allocation of graduate supervision for this course is the responsibility of the Nuffield Department of Surgical Sciences 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 Nuffield Department of Surgical Sciences. The Course Director will be your primary supervisor throughout the course. They typically have close contact with the class during the first two terms, and will meet regularly with students to discuss their progress. In the third term day-to-day supervision is devolved to the project supervisor, however the Course Director remains available to meet with students and will continue to monitor their progress.

By the end of the course students should be able to clearly demonstrate their understanding of how the fundamental principles of immunology integrate with the clinical aspects of immune-driven disease, and with other relevant bioscience disciplines. Our successful graduates should also be able to respond to complex questions and challenges in immunology using their comprehensive understanding of the field and their analytical and research skills. To evidence this, students undertake six assessments across the two-year course.

At the end of each taught term, you will take a computer-based examination to test core knowledge. Further elements of the overall assessment are a critical essay in the first term, a set of clinical case commentaries in the second term, a research dissertation in the third term, and a final viva voce examination.

Detailed assessment instructions and marking criteria will be provided at the beginning of each unit. The course also includes regular formative assessment and feedback opportunities, designed to prepare you for the main assessments and to develop your academic and professional skills.

This part-time online program is new for autumn 2024. However, the MSc in Integrated Immunology (Part-time) has run continuously since 2004 as a full-time in-person program in Oxford. Over those years, about half of our alumni from the MSc have gone on to graduate research degrees, with a number of those taking up DPhil positions in Oxford. Approximately a third of alumni from the MSc have continued to medical school, or progressed to higher specialist medical training. Others have taken up positions in the pharmaceutical, biotechnology or corporate sectors as senior scientists, policy advisors, analysts and managers. We anticipate that students on our part-time course will follow similar career paths to become part of the global network of immunologists.

## Structure and Content

### Unit 1 Scientific Principles of Immunology taught themes:

- Fundamentals in immunology
- Innate immunity and inflammation
- Antigen presentation and recognition
- Adaptive immunity
- Evolution of human immunity

### Unit 2 Clinical and Applied Principles of Immunology taught themes:

- Infection & immunity
- Failure of immunity
- Aberrant or unwanted immunity
- Cancer immunology
- Manipulation of immunity

### Unit 3 Experimental Principles of Immunology:

- Research project

## Teaching and Learning

### Supervision

### Assessment

### 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	£10,015
Overseas	£18,000

### 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

All students on this course will need access to a computer, webcam, microphone and a reliable broadband internet connection (compulsory). The recommended bandwidth for the software used is 1Mbps. This is estimated to cost approximately £1000. Departmental or college bursaries may be available for this. Students will have to attend a compulsory residential week at the end of Year 1. Travel and subsistence for this visit is estimated to be £1000 for overseas candidates and £600 for home students, and the course will underwrite these expenses at these rates. Additional costs may be covered by college travel grants, which may be means-tested.

## 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.

If you are studying part-time your living costs may vary depending on your personal circumstances but you must still ensure that you will have sufficient funding to meet these 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
Food	£315	£495
Accommodation	£745	£925
Personal items	£190	£320
Social activities	£40	£95
Study costs	£35	£85
Other	£20	£35
<b>Total</b>	<b>£1,345</b>	<b>£1,955</b>

### Likely living costs for nine months

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

### Likely living costs for twelve months

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

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.