

Course Information Sheet for entry in 2024-25: MSc in Global Health Science and Epidemiology



Course facts

Mode of study	Full Time Only
Expected length	12 months (or 6 months if immediate enrolment after TC_JF9P1)

About the course

The MSc in Global Health Science and Epidemiology is a one-year, full-time course that provides intensive training in epidemiology and statistics to enable students to conduct and interpret research studies in important areas of population health.

The MSc is designed for students who would like to develop knowledge and skills to understand the global burden and major determinants of disease through the application of epidemiology and quantitative research methods. It provides opportunities for students to develop and enhance their critical appraisal and epidemiological research skills and prepares students for a major piece of population health research in a world-class environment.

The course aims to provide students with the knowledge and skills to:

- understand the global burden and major determinants of disease;
- describe and discuss the role and contribution of epidemiology to health;
- critically appraise, analyse and interpret epidemiological studies;
- select, devise and develop appropriate study designs for epidemiological research; and
- conduct appropriate statistical analyses of epidemiological and health-related data.

Teaching is delivered during the whole of the first two terms. Teaching is delivered through a range of methods, including lectures, seminars, workshops, tutorials, student presentations, self-directed learning and study. Students will receive 15-20 hours of supported learning per week, and will be expected to undertake 20-25 hours of self-directed learning per week.

Course Structure

Core modules

The first term will consist of an overview of the global burden of disease and the fundamental concepts and considerations in research methods and practice related to population health:

- Introduction to Global Health Science
- Principles of Epidemiology
- Principles of Statistics
- International Research Ethics

Option modules

During the second term and up to two weeks in the third term, in addition to some continued content of the compulsory modules, students will select four of the following eight module options for further study:

- Clinical Trials and Meta-analysis
- Communicable Disease Epidemiology
- Genetic Epidemiology
- Health Economics
- Maternal and Child Health
- Non-communicable Diseases
- Nutritional Epidemiology
- Principles and Applications of Data Science

Placement Project and Dissertation

The third term will involve a 12-week research placement with a project representing the range of subjects covered in the course. The department will have a series of projects to choose from each year, hosted by academics within and outside the department but students can also propose their own project. The research project will form the basis of a 10,000-word dissertation to be submitted in mid-August.

Masterclasses

A series of regular 'master-classes' is scheduled in which internationally-recognised senior scientists in population health from Oxford, and elsewhere, will give seminars on selected topics. These sessions will be outside of the structure of the core modules, and are intended to provide the students with stimulating materials to integrate population health thinking and perspectives.

Supervision

The allocation of graduate supervision for this course is the responsibility of the Nuffield Department of Population Health 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 Population Health.

Each student will be assigned an academic supervisor who will support them through the duration of the course. Students will also have a placement supervisor related to their chosen placement who will meet with them regularly throughout their placement.

Assessment

During the first two terms there are a series of formative assessments designed to enable teaching staff to monitor student progress. These assessments are compulsory but the marks do not contribute to the final degree. All students are provided with detailed feedback that will enable them to improve their learning by helping them identify their strengths and weaknesses.

There are eight summative assessments in total. The global health reports (7.5% each) are submitted through the academic year, in relation to when modules are taught. At the end of the Easter break a data set analysis and report (10%) is submitted. At the beginning of the third term (week two), there are two written examinations – one on the Principles of Epidemiology and the other on the Principles of Statistics, comprising multi-component questions (10% each). Following submission of all summative assessments, students will undertake a research placement, leading to a dissertation (40%) to be submitted in mid-August.

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

The annual course fee will depend on whether you enter this MSc directly, or whether you enter immediately after completing the PGCert in Statistics and Epidemiology without a break in your studies.

Annual fees for students entering the MSc directly

Fee status	Annual Course fees
Home	£13,750
Overseas	£30,790

Annual fees for students entering the MSc immediately upon completion of the PGCert in Statistics and Epidemiology

Fee status	Annual Course fees
Home	£10,670
Overseas	£23,990

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

Direct entry to the MSc

All graduate students in the department are expected to provide their own laptop. This is estimated to cost approximately £600. No bursaries are available from the department for this, however, a loan laptop may be available if it is not possible for students to provide their own equipment. 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.

Entry after completion of the PGCert in Statistics and Epidemiology without a break in study

Each MSc student is expected to provide their own laptop, which is estimated to cost £600. No bursaries are available from the department for this, though we may provide a loan laptop if it is not possible for the student to provide their own.

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
Food	£315	£495
Accommodation	£745	£925
Personal items	£190	£320
Social activities	£40	£95
Study costs	£35	£85
Other	£20	£35
Total	£1,345	£1,955

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
Total	£12,105	£17,595

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
Total	£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.

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) or via the online form (<http://www.graduate.ox.ac.uk/ask>).