

Course Information Sheet for entry in 2022-23: PGCert in Statistics and Epidemiology



About the course

The Postgraduate Certificate in Statistics and Epidemiology is a part-time course that is open to Oxford staff. The course will be taught alongside the MSc Global Health Science and Epidemiology and will consist of two modules.

This course is only open to University of Oxford staff.

Learning objectives and course structure

The course aims to provide intensive training in statistics and epidemiology to enable students to conduct and interpret research studies in important areas of population health.

Students will be able to apply these knowledge and skills to support population-based research, including statistical analyses of epidemiological data.

The course aims to promote advanced study of the challenges of global health and their potential solutions by in-depth study of a range of scientific disciplines, so that students may understand and integrate medical, epidemiological, social and economic aspects of ill-health. At the end of the course, students should have the knowledge and skills required to:

- 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.

Students will develop knowledge and understanding of major issues in statistics and epidemiology as they apply to global health science.

The curriculum comprises 2 compulsory modules:

1. Principles of epidemiology
2. Principles of statistics

Pattern of learning

The modules in the PGCert course will be delivered in the form of a series of lectures, with accompanying practical or tutorial sessions involving obtaining and assessing relevant evidence, and applying the concepts and methods learned during the lectures. In addition, teaching is also delivered through seminars, student presentations, self-directed learning and independent study.

A typical week will include a mixture of lectures and practical sessions of approximately 9 hours of tutor-led, classroom-based activities in Michaelmas term and around five hours in Hilary term.

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.

Assessment

During the first term there are two formative assessments designed to enable teaching staff to monitor student progress. These assessments are compulsory but the marks do not contribute to the final outcome. 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 two summative assessments. At the end of the second term, a data set analysis and report (35%) is submitted. At the beginning of the third term there is an examination involving one written paper (65%) comprising multi-component questions.

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

	Part Time Only
Expected length	7 months

Costs

Annual fees for entry in 2022-23

Fee status	Annual Course fees
Home	£3,830
Overseas	£11,925

Further details about fee status eligibility can be found on the fee status webpage (<http://www.graduate.ox.ac.uk/feestatus>).

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

Each PG Cert 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.

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 2022-23 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

	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	£290	£410	£2,610	£3,690	£3,480	£4,920
Accommodation	£680	£810	£6,120	£7,290	£8,160	£9,720
Personal items	£135	£260	£1,215	£2,340	£1,620	£3,120
Social activities	£45	£120	£405	£1,080	£540	£1,440
Study costs	£45	£100	£405	£900	£540	£1,200
Other	£20	£55	£180	£495	£240	£660
Total	£1,215	£1,755	£10,935	£15,795	£14,580	£21,060

When planning your finances for any future years of study at Oxford beyond 2022-23, 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.

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>).