

Course Information Sheet for entry in 2022-23: MSc in Water Science, Policy and Management



About the course

The MSc in Water Science, Policy and Management aims to equip the next generation of water professionals with the blend of skills necessary to make a significant contribution to sustainable water management pathways across competing priorities of water for ecosystems, food, energy, economic growth and human consumption.

The course is broken down into three thematic areas – water science, water and society, and water management.

The water science theme develops knowledge and understanding in physical, chemical, ecological and epidemiological aspects of water science in temperate, tropical and semi-arid zones. It provides a foundation in basic processes in each key subject area, as well as interactions throughout the hydrological cycle, and the role of society in altering natural hydrological processes and ecosystem function, and the impact this has on health.

The water and society theme explores how contested domains of power, interests and knowledge influence water decision-making, illustrated through institutional, socio-economic and policy analysis. This covers areas of water security and governance, law and regulation, trans-boundary water, water economics, water access, ownership and rights, water for development, and interactions between the state and civil society within dynamic and varied political, cultural, social and economic contexts.

The water management theme integrates the knowledge and understanding of water developed in the other thematic areas to better enable you to tackle the big water management challenges that we face. Geographic case studies are developed to compare the trade-offs that occur between science and society in these contexts. Interactions with experts with different perspectives and expertise will help you to understand the challenges faced by water managers.

Course structure

Teaching takes place through lectures, seminars and field visits, including a one-week field trip to the Ebro Basin in Spain during the Easter vacation.

The objectives are assessed through three themes: water science, water and society, and water management, delivered through seven core modules: Climate & Catchment Processes; Water & Health; Water Quality; Water Economics; Water Policy; Institutional Governance & Regulation; Water Management.

Finally, you will write an individual dissertation of 15,000 words.

Elective modules

These offer a tutorial-style teaching and discussion environment within smaller groups, based on a suite of contemporary research themes that reflect the specific interests of core faculty and visiting research associates. The teaching aim is to foster discussion and debate between academic staff and students to identify and explore theory, methods and practice in an academic space that encourages a critical dialogue.

Dissertation

An independent and original dissertation is an integral component of the course. In order to equip you with the necessary skills to undertake high quality research, a suite of training activities is offered to develop key transferable skills in order for you to be able to execute high quality independent and original research, and to expose you to applied research methods used widely in academic and professional research.

Research skills

Core faculty staff will lead a series of training sessions that will build core transferable research skills in the natural and social sciences.

Components include:

- research ethics
- academic writing
- research design
- hydrological modelling

- water quality evaluation
- qualitative and quantitative research methods
- fieldwork health and safety.

The skills training will focus on both strengthening capabilities to conduct high quality research for your dissertation and on future professional development.

Supervision

The allocation of graduate supervision for this course is the responsibility of the School of Geography and the Environment 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 School of Geography and the Environment.

Assessment

The seven course modules are assessed by written examination. The two elective modules which are each assessed through a 4,000-word essay. You will also be assessed on your individual dissertation of 15,000 words, which will have been produced independently and contain original work.

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

Costs

Annual fees for entry in 2022-23

Fee status	Annual Course fees
Home	£19,970
Overseas	£26,940

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

There are no compulsory elements of this course that entail additional costs beyond fees 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.

Most costs associated with compulsory fieldwork are paid for by the department. This excludes the costs associated with obtaining the appropriate visa required to attend the non-UK based field trips. Non-EEA nationals might require a visa in order to travel to the country where the field trip is being held and any costs associated with obtaining the appropriate travel visa is the responsibility of the student. Students will also have to pay for some meals during the field course. Furthermore, as part of your course requirements you need to develop and research a dissertation topic. Depending on your choice of topic and the field work research required to complete it, you may incur additional costs (eg relating to travel, accommodation, field assistants, lab fees and/or research visas). You will need to meet these additional costs, although you may be able to apply for small grants/bursaries 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 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>).