



www.cranfield.ac.uk/wsd



Make a difference to water and sanitation with your career choices

Many people living in urban and rural areas of low income countries do not have access to safe water and sanitation service delivery. To achieve the UN Sustainable Development Goal 6 (SDG 6), there is an urgent need to quadruple our current rate of global progress, which makes it necessary to build the relevant capacity to address this.

Our MSc in Water and Sanitation for Development will equip you with the skills and knowledge to deliver water supply and sanitation services around the world to protect public health and improve lives. It will enable you to develop a critical appreciation of the complexities that shape the sector and motivate you to make a real difference responding to it.

The MSc is delivered by our world leading experts and developed in partnership with a wide range of organisations and institutions from the water and sanitation sector. You will have the opportunity to conduct your thesis on a real-life project and benefit from professional development that will shape you into a leader equipped to solve global water and sanitation challenges.

Who is it for?

This course is ideal for graduates who wish to progress their career in the planning, implementation and management of sustainable water supply and sanitation projects to low- and middle-income countries.

The part-time option allows practitioners to extend their professional development within their current employment.

Your career

Water and Sanitation for Development students are found at leading WASH institutions across the world.

Cranfield graduates leave with the skills to make an immediate contribution in the international water industry, and many enjoy long-term careers in diverse roles such as consultants, managers, engineers, sanitation specialists and project managers. Some of our graduates went on to work in water and sanitation development with non-governmental organisations, emergency relief agencies, UN and similar international bodies such as UNICEF, Water Aid, CAFOD and SOIL. Graduates are also going on to work with global private sector organisations such as Mott MacDonald and McKinsey & Company as well as take positions in government roles. The course also provides an ideal grounding for research positions and PhD programmes.

Overview

Start date

Full-time: October, part-time: October

Duration

One year full-time, two-three years part-time

Qualification

MSc, PgDip, PgCert

Study type

Full-time / Part-time

Structure

Taught modules - MSc: 40%, PgDip: 66.6%, group project (dissertation for part-time students) - MSc: 20%, PgDip: 33.3%, individual project - MSc: 40%

Campus

Cranfield campus

Entry requirements

Candidates must possess, or be expected to achieve, a 1st or 2nd class UK honours degree in a relevant discipline such as engineering, environmental science, geography, development studies, earth science or related subjects, or the international equivalent of these UK qualifications.

Fees

Please see www.cranfield.ac.uk/fees for detailed information about fee status, full-time and part-time fees as well as deposit requirements and bursary and scholarship information.

Course details

The course comprises a taught programme of four assessed modules, a group project and an individual project. The modules include lectures, tutorials, practicals, simulations and workshops with an emphasis on analysis of real problems, with practical field work to reinforce learning.

The group project provides students with the opportunity to take responsibility for a consultancy-type project, while working under academic supervision. Success is dependent on the integration of various activities and working within agreed objectives, deadlines and budgets.

The individual project provides students with the opportunity to demonstrate their ability to carry out independent research, think and work in an original way, contribute to knowledge, and overcome genuine problems in water management. Many of the projects are supported by external organisations such as WaterAid, Oxfam and Excellent Development, and are based in low- and middle-income countries.

Modules

Keeping our courses up-to-date and current requires constant innovation and change. The modules we offer reflect the needs of business and industry and the research interests of our staff. As a result, they may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

To give you a taster, we have listed below the compulsory and elective (where applicable) modules which are currently affiliated with this course. All modules are indicative only, and may be subject to change for your year of entry

Compulsory modules

All the modules in the following list need to be taken as part of this course.

Water Resource Engineering

Water, Society and Development

Public Health, Hygiene and Sanitation

Resilience, Shocks and Emergencies

"The way I work today has been heavily influenced by the course I did here because there was a strong emphasis on team working. It was not just about working as an individual researcher but really working within a team of professionals to achieve a solution, and that's very much how I work today. There are a number of world centres where you come across people in the water sector and where they have studied, and Cranfield is one that you keep hearing."

Sean Furey

Director, Rural Water Supply Network, Alumni 1998

Accreditation

The MSc of this course is accredited by the Chartered Institution of Water and Environmental Management (CIWEM).



Class profile 2021/22

Gender:

Male 69% - Female 31%

Age range:

20 - 44 years

Nationality:

25 years

UK/EU: 16% - International: 84%

Class size:

13

For more information contact our Admissions Team:
T: +44 (0)1234 758082

Visit campus for yourself and meet current students and our academics at our next Open Day:
www.cranfield.ac.uk/openday

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Every effort is made to ensure that the information provided here is correct at the time it is published. Please check our website for the latest information.



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