

MSc Humanitarian Engineering WARWICK
THE UNIVERSITY OF WARWICK

POSTGRADUATE STUDY



CAREERS

Humanitarian Engineering graduates will be well-placed to work with governments (e.g. central banks, ministries of finance, rural development, and education).

You'll gain skills that are sought by multilateral development institutions (e.g. World Bank, IMF, United Nations), NGOs and private sector (e.g. professional services, manufacturing, and investment banking). Some students may decide to pursue PhD studies.

Students may choose to undertake a Master of Science, Postgraduate Diploma, Certificate or Award.

ENTRY REQUIREMENTS

A Bachelor's degree (in Engineering, Science, Social Science, Business, Medical Science) with a minimum classification of Second Class Honours, Upper Division (2:1) or its international equivalent. We will consider graduates of all disciplines, as well as applicants with a degree result of 2:2 (or equivalent) with relevant professional experience.

LANGUAGE REQUIREMENTS

IELTS Band of 6.5 or more overall, with a minimum writing score of 6.5 and no other subsection below 6.0.

COURSE DURATION

Full time MSc: 12 months | Part-time MSc: 24 months

ASSESSMENT

A combination of written assignments (reports, essays, case studies), oral and poster presentations, videos, design portfolios and creative student-devised assessments.

FEES AND FUNDING

Fees information is available on the University of Warwick website warwick.ac.uk/pgfees

MSc HUMANITARIAN ENGINEERING

The MSc in Humanitarian Engineering spans a broad range of disciplines and is ideal for students who are looking to explore all the professional and disciplinary facets of humanitarian challenges.

CORE MODULES

- Humanitarian Engineering: Ethics,
 Theory and Practices
- Water and Environmental Management
- Disasters, Resilience and Urban Data
- Renewable Energy
- One Humanity; Shared Responsibility
- An Introduction to Global Health

OPTIONAL CORE MODULES

► Humanitarian Law

OPTIONAL MODULES

List A

- ► Sustainable Cities and Infrastructures for Emergencies
- Sustainable Operations and Humanitarian Supply Chains
- Mindful Project Management
- ► Industrial Ecology and Sustainable Engineering

List B

- Design Thinking for Social Impact
- Challenges to Global Food Security

STUDY PROGRAMME

- 2 optional modules (1 from List A and 1 from List B)
 Project
- FIND OUT



EXPLORE OUR MODULES ONLINE



MSc HUMANITARIAN ENGINEERING WITH SUSTAINABILITY

Students with a keen interest in Engineering might wish to pursue the MSc Humanitarian Engineering with Sustainability, which focuses on renewable energy, sustainable cities, and infrastructures for emergencies.

CORE MODULES

- ► Humanitarian Engineering: Ethics, Theory and Practices
- ► Water and Environmental Management
- ▶ Disasters, Resilience and Urban Data
- Renewable Energy
- ► One Humanity; Shared Responsibility
- ► An Introduction to Global Health

SPECIALIST CORE MODULES

- Sustainable Cities and Infrastructures for Emergencies
- ► Industrial Ecology and Sustainable Engineering

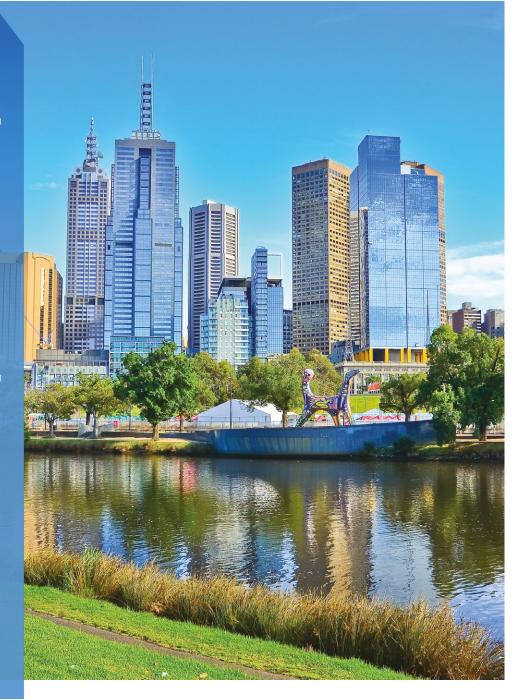
OPTIONAL MODULES

- Humanitarian Lav
- ► Design Thinking for Social Impact
- Challenges to Global Food Security

STUDY PROGRAMME

- 6 core modules
- 2 specialist core modules
- 1 optional module
- Proiec





MSc HUMANITARIAN ENGINEERING WITH MANAGEMENT

Students who want to develop expertise in Management might prefer the MSc Humanitarian Engineering with Management, which offers opportunities to explore project management, communication and leadership, and management of sustainable supply chains.

CORE MODULES

- ► Humanitarian Engineering: Ethics, Theory and Practices
- Water and Environmental Management
- Disasters, Resilience and Urban Data
- Renewable Energy
- ▶ One Humanity; Shared Responsibility
- ► An Introduction to Global Health

SPECIALIST CORE MODULES

- Sustainable Operations and Humanitarian Supply Chains
- ► Mindful Project Management

OPTIONAL MODULES

- ► Humanitarian Law
- Design Thinking for Social Impact
- ► Challenges to Global Food Security

STUDY PROGRAMME

- 6 core modules
- 2 specialist core modules
- 1 optional module
- Research project

FIND OUT







Find out more at warwick.ac.uk/humeng

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Recognising commitment to advancing women's careers in STEMM (Science, Technology, Engineering, Mathematics and Medicine) academia.

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This course information was accurate at the time of design. Our courses and module content and schedule is continually reviewed and updated to reflect the latest research expertise at Warwick, so it is therefore very important that you check the website for the latest information before you apply and when you accept an offer.

This degree is accredited by the Joint Board of Moderators (JBM) comprising of the Institution of Civil Engineers, Institution of Structural Engineers, Institute of Highway Engineers, and the Chartered Institution of Highways and Transportation on behalf of the Engineering Council as meeting the requirements for Further Learning for a Chartered Engineer (CEng) for candidates who have already acquired a partial CEng accredited undergraduate first degree.