New for 2020
Postgraduate Taught Degrees
The world is constantly changing. This year, we have introduced several new programmes to reflect the changing needs of industry and society.

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Advanced Chemical Engineering

The Humber is one of the UK’s four largest chemicals-producing regions, accounting for around 12% of UK chemicals employment. About 100 chemical and refining companies operate in the region, including engineering and process giants Phillips66, Total, Novartis, BP Chemicals, Croda, Tronox, Smith & Nephew and RB (Reckitt Benckiser). This makes the University of Hull the ideal location to study chemical and process engineering.

This MSc takes a theoretical and practical approach to ensure you gain the knowledge, understanding and skills required for a future career in the chemical, petroleum and process industry, or to allow progression to specialist PhD study.

As part of the programme, you’ll have the opportunity for hands-on experience with our industry-standard, virtual control room, taking on the role of a plant operator at an actual control desk and overseeing a real-time 3D simulation of a unit on a chemical process plant.

We include process safety training, provided by an external process safety training company, for all Masters level students. You also get an extra IOSH qualification. This is highly valued by employers and helps you to stand out from graduates of other universities.

Alongside taught modules, you’ll select a research project, working alongside an academic and their research team. Projects are offered across a wide range of topics including nano-materials, bio-based materials, energy and computer simulation.

Applicants must hold an existing Bachelor qualification in Chemical Engineering, or closely related subject.
Artificial Intelligence and Data Science

Data is one of the 21st century’s most valuable commodities but there is a shortage of qualified AI and data scientists in industry.

This course is aimed at STEM (science, technology, engineering and mathematics) and non-STEM graduates, who want to develop their digital skills. Experience in programming is not required. It’s also suitable for people who are looking to upskill and improve their career prospects.

You’ll cover topics such as, programming, statistics, machine learning, big data, data visualisation, computer vision and the ethical and legal responsibilities of using data. Learning is delivered online and on campus. In the third semester, you’ll do an academic dissertation or an industrial placement, where you’ll apply your knowledge to real-world problems.

At the end of the course, you’ll have developed key competencies in programming, data visualisation, problem-solving and data interpretation. You’ll be able to apply AI and data science techniques to real-world problems; critically evaluate AI and data science methodologies; plan, design and carry out empirical research; and interpret, present and communicate the outcomes of data science and AI solutions.

The course combines expertise from Departments across the Faculty of Science and Engineering, including Computer Science and Physics and Mathematics. You’ll also have access to our VIPER high-performance computer.

**Bursaries**
The University has 15 scholarships, worth £10,000 each, to support widening participation students undertaking full-time study in 2020/21.

The scholarships will be prioritised for women, black and disabled students and are being funded by the Office for Students (OfS), Department for Digital, Culture, Media and Sport (DCMS), Department for Business, Energy and Industrial Strategy (BEIS) and the Office for Artificial Intelligence (OAI).

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<tr>
<th>Degree</th>
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<th>Mode</th>
<th>Suitable for graduates in</th>
<th>Level of Bachelor degree required</th>
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<tbody>
<tr>
<td>AI and Data Science</td>
<td>MSc</td>
<td>Full time / part time</td>
<td>STEM and non-STEM graduates who want to develop their digital skills</td>
<td>2.2</td>
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*Final validation pending.*
Flood Risk Management

This exciting new MSc programme uses knowledge of the drivers and impacts of flood hazards to understand the application of innovative new approaches to flood risk management. In a changing climate, key organisations including the Environment Agency, local authorities and leading consultancies are experiencing a shortage of talented people with the skills required to build resilience into flood event preparation, response and recovery. The global flood risk is set to double by 2050 and this programme will equip you for a career in the expanding flood risk sector.

The Flood Risk Management course will provide practical and academic experience in flood dynamics and catchment management, taught by leading academics and industry experts. You’ll learn about different types of flood risk reduction through site visits to pioneering flood protection and management schemes, like ‘Slowing the Flow’ in Pickering and urban water basins protecting the city of Hull. You’ll gain experience of flood adaptation and control methods, and learn how flood incidents are managed by multi-agency response units.

With an uncertain future climate, there’s a national demand for a new generation of professionals who’ll maintain the UK’s world-leading expertise in managing flood risks. The Humber region is pioneering the development of resilient communities through internationally recognised initiatives like ‘Living With Water’, which has helped Hull become one of the Rockefeller Foundation’s five global cities that demonstrate future water resilience. This course will provide you with opportunities to link with flood risk agencies and research projects in the University’s Energy and Environment Institute to start a career that contributes to innovative solutions to help our society live with future flood risks.

To register your interest and find out more, please email eei@hull.ac.uk

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<tr>
<td>Flood Risk Management</td>
<td>MSc</td>
<td>Full time / part time</td>
<td>Any discipline, if you have an interest in flood risk</td>
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Final validation pending.
Modern Slavery and Victimology

The University of Hull’s Wilberforce Institute – with its multi-disciplinary approach to the study of slavery and role as a unique centre of research – is ideally positioned to deliver the MA Modern Slavery and Victimology, a programme that will transform and educate our future leaders in this field.

Addressing modern slavery, human trafficking and forced labour, both in the UK and abroad, this comprehensive programme focuses on the history of how forms of slavery have developed, together with how these have been codified in law. You will also critically engage with the diverse political and policy environments of these practices and the variety of understandings and interventions developed for those affected by them.

You will be equipped with a range of tools to critically examine and evaluate anti-slavery policy in a global context, as well as exploring different methodological approaches to help understand the experience of enslavement, exploitation and how groups have fought for rights to freedom, dignity and social justice.

This MA offers an academically robust and transformative learning experience, where you will learn how to help shape the landscape in terms of policy and practice across diverse geo-political contexts. You will benefit from The Wilberforce Institute’s extensive range of partnerships – working with governments, NGOs, communities, businesses and other organisations – enabling graduates from this programme to pursue a wide range of careers in research, academia, voluntary/third sector, government agencies and departments both in the UK and abroad.

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<tr>
<td>Modern Slavery and Victimology</td>
<td>MA</td>
<td>Full time</td>
<td>Any subject background – particularly suitable for History, Criminology, Sociology, Social Policy, Law, Social Work, Anthropology or other Humanities / Social Science</td>
<td>2.2</td>
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§ Final validation pending.
Public Engagement and Science Communication

Science and technology has a key role to play in modern global and regional issues. To deal with them, decision makers and the general public need to be able to make evidence-based choices. This MSc in Public Engagement and Science Communication will equip you with the skills to effectively and efficiently explain complex issues to a diverse audience.

This MSc is a cross-faculty programme that taps into the most creative elements of science, performance and the written word to create a course that challenges science graduates to become engaging communicators. Along with the fundamentals of science communication, you’ll have the opportunity to work with creative writers, theatre performers and film makers to help you explore the medium you’re most interested in. You’ll also have the opportunity to gain real-world experience through a work placement.

Throughout the course you’ll learn through doing – the assignments will be based delivering real science communication activities. If you choose to write, you’ll be encouraged to publish. If you take the drama modules, you’ll also take to the stage. This programme gives you the freedom to explore your creative ideas, while being guided and supervised by experienced science communicators.

Translation Studies

The sphere and study of translation has witnessed unparalleled growth over the past 20 years. It’s through translation that international business, trade, legal affairs, diplomatic missions, human rights interventions, and international development and humanitarian aid are delivered. Translation studies has pioneered a number of key ideas and concepts that have proved invaluable to the study of cultural exchange in literature, drama, history, media, law and the social sciences.

This MA is intended to open new avenues of thought, while providing a firm foundation in the discipline of translation studies. With equal emphasis on the practical aspects of the translation process and the underlying theoretical issues, it’ll be of interest to graduate linguists, whatever your future career route.

The MA adopts a combined approach to translator training, focusing on the practical and reflective skills a translator requires to complete high-quality translation projects that satisfy the needs of clients.

You’ll follow a balanced programme of modules over the first two trimesters, before focusing on your dissertation in the final part of the course.

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<tr>
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<td>MSc</td>
<td>Full time</td>
<td>Any science, technology, engineering or maths subjects</td>
<td>2.2</td>
</tr>
<tr>
<td>Translation Studies</td>
<td>MA</td>
<td>Full time</td>
<td>Modern Languages</td>
<td>2.2</td>
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1. **What's a conversion degree?**
   A conversion degree is a postgraduate course that allows you to develop your knowledge in an area that your undergraduate degree (or professional career) hasn't prepared you for. You can transfer your skills and broaden your education into a new area to allow you to pursue a different career.

2. **Do you have to be a scientist to study an MSc?**
   Not necessarily. Some of our conversion MScs may need a numerate background (but not necessarily science). Others are open to students from a wide range of disciplines. Check the website for information on entry requirements, or contact the programme director.

3. **Why should I study a conversion degree instead of a more specialised Masters?**
   A conversion degree allows you to take your studies in a different direction, and work with students from a range of different backgrounds, giving you a wider perspective on your subject. Since starting your undergraduate degree, you may have decided you'd like a career in a different area or an area that needs additional skills and knowledge, which a specialist MSc wouldn't provide.

4. **How does a PG conversion course work?**
   You'll study for the degree in the same way you would for any other postgraduate course (taught modules and a dissertation or project). Some elements may be less familiar to you, depending on your background, but this will be taken into account when the material is being delivered and appropriate support will be provided.

5. **I'm interested. Where can I get more information?**
   Our website contains full details on all our postgraduate programmes. You can also contact our admissions team:
   - pgadmissions@hull.ac.uk
   - +44 (0)1482 466850