



THE UNIVERSITY
of EDINBURGH

Overview of Masters degrees in Engineering

Professor David Laurenson
Director of Learning and Teaching

EDINBURGH
xtraordinary futures await

Today's session

- Information about our Taught Masters Programmes
- Meet Shreesh – MSc Graduate and Current PhD Student
- Lab tour



A snapshot of Engineering at The University of Edinburgh

- <https://www.youtube.com/watch?v=VbON2CEwLgE&t=2s>



The School of Engineering

- Engineering is the largest of 7 schools in the College of Science and Engineering
- Almost 1,900 undergraduate students, 300 MSc students and 500 PhD students
- Over 160 members of academic staff
- Organised into 4 teaching disciplines and 7 research institutes



Why study our MSc programmes?

- We are consistently ranked in the UK's top 10 universities for Engineering (THE Rankings by subject 2024 and QS World University Rankings by Subject 2023).
- Students learn from our academics who are researching solutions to the world's grand challenges. They will have opportunities to gain practical experience through our specialist MSc research projects.
- The University has strong connections with local industry. We have a particularly active community and network of companies in fields related to engineering.



Our Programmes

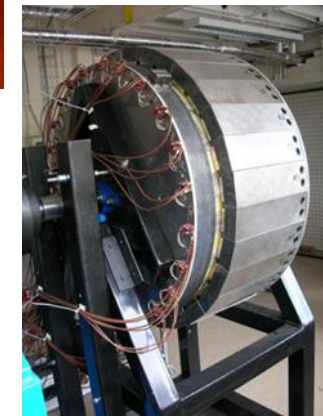
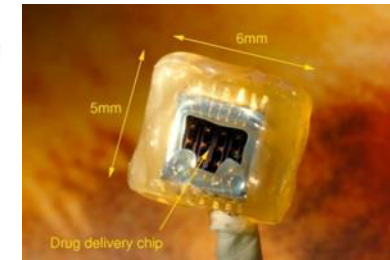
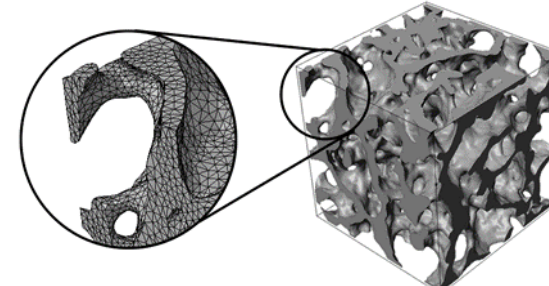
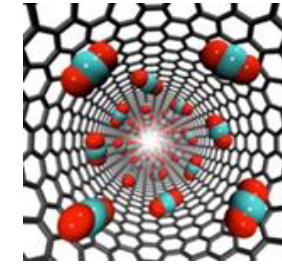
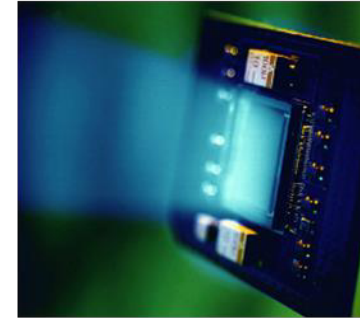
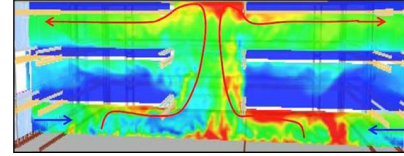
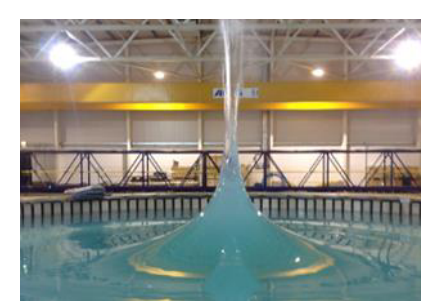
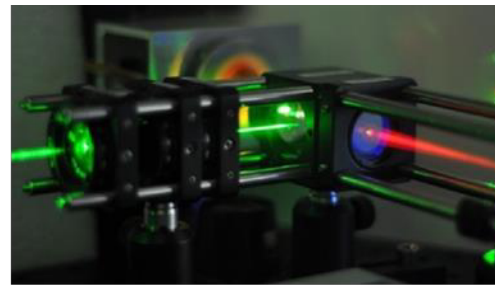
- MSc Advanced Chemical Engineering
- MSc Advanced Power Engineering (2 years)
- MSc Digital Design and Manufacture
- MSc Electrical Power Engineering
- MSc Electronics
- MSc Fire Engineering Science
- MSc Signal Processing and Communication
- MSc Sustainable Energy Systems

- MSc Sensor and Imaging Systems –
 - run jointly by the universities of Edinburgh and Glasgow
- MSc International Masters of Science in Fire Safety Engineering
 - Run jointly by partner universities and associated partners

Research Institutes

The School of Engineering has wide-ranging, comprehensive and exciting research activities.

- Institute for Bioengineering (IBioE)
- Institute for Imaging, Data and Communications (IDCoM)
- Institute for Energy Systems (IES)
- Institute for Infrastructure and Environment (IIE)
- Institute for Integrated Micro and Nano Systems (IMNS)
- Institute for Materials and Processes (IMP)
- Institute for Multiscale Thermofluids (IMT)



Research in the School of Engineering

- The Edinburgh Research Partnership in Engineering, our joint submission with Heriot-Watt University, was ranked 1st in Scotland and 3rd in the UK, based on the quality and breadth of our combined research by Times Higher Education. 96% of our research activity was ranked as world-leading and internationally excellent.*
- We carry out world-class research and provide high-quality training in research for both students and postdoctoral researchers
- Our world-leading research is conducted through our seven Research Institutes. These span across and connect between our core disciplines of Chemical Engineering, Mechanical Engineering, Civil & Environmental Engineering, and Electronics & Electrical Engineering
- We have several PhD scholarships available, including for top performing MSc students looking to progress their studies at Edinburgh

* Research Excellence Framework (REF 2021). Joint submission rankings are calculated by combining the individual institutions' results in the same unit of assessment

Meet Shreesh

- 2022-23 MSc Signal Processing and Communications graduate
- Started in Jan 2024 PhD on the topic of 'COM Design of Waveforms for Joint Radar and Communications'



Lab tour

- Mechanical lab – used by:
 - Digital Design and Manufacture MSc students
- **Power lab – used by:**
 - Advanced Power Engineering MSc students
 - Electrical Power Engineering MSc students



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Thank you

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