BSc IN NUCLEAR SCIENCE AND MATERIALS (H821)
MEng IN NUCLEAR ENGINEERING (H822)

Course outline
Over the next ten years the UK will embark on an ambitious programme of commissioning nuclear energy, creating opportunities for graduates from plant design and construction to finding sustainable ways of recycling nuclear materials. These degree courses have been designed in response to demand from the nuclear industry to equip students with the fundamentals to provide non-fossil fuel alternatives for our future energy requirements.

This challenging and growing field offers a range of well-paid careers for graduates with strong technical and scientific skills. The degrees bring together a range of modules taught from top ranked Schools across the University, including the School of Physics and Astronomy and the School of Metallurgy and Materials, ranked 3rd and 5th in the UK in the 2019 Guardian League Table for their respective disciplines. This means you will receive a first-class grounding in the issues facing the nuclear industry today, taught by some of the leaders in their field.

Our degrees are accredited by the Institute of Materials, Minerals and Mining (IOM3) on behalf of the Engineering Council.

This course has been designed to ensure that you have the theoretical foundations necessary to conduct further research in this growing area, or to obtain a graduate role in a range of disciplines from reactor management to radiation safety. We have strong links with a range of companies including Magnox, NNL, AMEC, Rolls-Royce M, Serco, HSE ONR (NII), Atkins, Babcock, AWE, Frazer-Nash, BAE Systems, Westinghouse, Arena Canberra, EDF, E.ON, RWE NPower and Horizon Nuclear Power giving you access to placement opportunities and careers advice.

Entry requirements
Typical offers range between AAA–AAB. Subject requirements apply. Please contact the Admissions Tutor or visit www.birmingham.ac.uk/nuclear. Scholarships are available based on A-level performance.

LEARN MORE
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The University of Birmingham has over 60 years' experience in preparing students for successful careers in the nuclear industry. We are one of the leading centres for nuclear study and research.

BSc in Nuclear Science and Materials (H821)
Three years full-time

MEng in Nuclear Engineering (H822)
Four years full-time