

## Doctoral research

The University of Birmingham has more than 2500 doctoral researchers working alongside our academics. Strong links with energy industries, other universities and Doctoral Training Centres mean the on graduating our students are well equipped for careers in both academia and industry.

Opportunities regularly arise across all of our energy research fields. For information on funding that may be available and opportunities for projects, please get in touch with the main contact from whichever of our research themes most closely aligns with your interests. Birmingham's [Find a PhD](#) (<http://www.birmingham.ac.uk/students/courses/postgraduate/findaphd.aspx>) service can help you find current project opportunities.

## Doctoral Training Centres

### Hydrogen Fuel Cells and their Applications

[Open all sections](#)

The University is host to the UK's Doctoral Training Centre in Hydrogen Fuel Cells and their Applications, training 50 PhD students in all aspects of clean fuel cell technology. The Centre was set up in response to the UK's shortage of qualified scientists and engineers in hydrogen technology and has strong links with industrial partners.

For more information please contact Dr Bruno Pollet: [b.pollet@bham.ac.uk](mailto:b.pollet@bham.ac.uk) (<mailto:b.pollet@bham.ac.uk>)

[http://www.fuelcells.bham.ac.uk/DTC\\_HFC.shtml](http://www.fuelcells.bham.ac.uk/DTC_HFC.shtml) ([http://www.fuelcells.bham.ac.uk/DTC\\_HFC.shtml](http://www.fuelcells.bham.ac.uk/DTC_HFC.shtml))

### Efficient Power from Fossil Energy and Carbon Capture Technologies

Birmingham is a partner in the EPSRC funded Industrial Doctoral Training Centre, hosted by the University of Nottingham, training EngD students in a multidisciplinary environment.

For more information please contact Dr Brian Connolly: [b.j.collolly@bham.ac.uk](mailto:b.j.collolly@bham.ac.uk) (<mailto:b.j.collolly@bham.ac.uk>)

### UK Nuclear Engineering Doctoral Training Centre

If you want to study further but are eager to get out into industry, an EngD may be the right path for you. The University of Birmingham is a consortium member of the UK Nuclear Engineering Doctoral Training Centre led by the University of Manchester and Imperial College. The scheme offers a fully funded EngD in Nuclear Engineering over four years, incorporating taught elements with the research project, which is undertaken in industry. In all, you will spend 75% of your time as a research engineer at your sponsoring company, not just working in the nuclear industry but undertaking research that pushes back its boundaries.

Projects could involve research into decommissioning, reactor materials, waste disposal or reactor technology. As with most modern research these EngDs are highly interdisciplinary. Applications are encouraged from a wide range of backgrounds, especially from those with degrees in Aerospace, Chemistry, Chemical Engineering, Civil Engineering, Computer Science, Materials, Mechanical Engineering and Physics.

For more information please contact Professor Martin Freer at [m.freer@bham.ac.uk](mailto:m.freer@bham.ac.uk) (<mailto:m.freer@bham.ac.uk>).

### Midlands Energy Graduate School (MEGS)

Birmingham is a co-collaborator in the Midlands Energy Graduate School, which exists to offer enhanced training for doctoral researchers in current energy topics. As a doctoral researcher in energy at Birmingham you will have access to its summer schools, seminars, study visits and conferences, and the opportunity to meet students from the other consortium universities, Nottingham and Loughborough. Having membership to this network of energy researchers, and access to the specialist modules offered by the School, gives you the chance to broaden your knowledge and horizons for the benefit of your research and your career.

If you are already at Birmingham and wish to join, please email Justine Gruszkos at [megs-administrator@nottingham.ac.uk](mailto:megs-administrator@nottingham.ac.uk) (<mailto:megs-administrator@nottingham.ac.uk>) indicating your research topics and details of your supervisor. If you would like to register for a module, please check suitability with your supervisor and contact Justine.