



UNIVERSITY OF
BIRMINGHAM

SCHOOL OF
ENGINEERING

CIVIL AND RAILWAY ENGINEERING ELECTRICAL AND RAILWAY ENGINEERING



Civil and Railway Engineering BEng/MEng

Electrical and Railway Engineering BEng/MEng

'As the course is jointly run in conjunction with Civil Engineering, you will get the chance to work with new people outside of Electrical Engineering groups. Meeting new people within the course is essential for the second-year railway modules.'

NATHANIEL, BEng Electrical and Railway Engineering, 3rd year



'The course itself is not everything; there are plenty of opportunities for summer placements and years in industry. I did a summer placement with Carillion and it has helped me, both with my academic understanding, and with what I plan to do in the future.'

MARTIN, BEng Civil and Railway Engineering, 3rd year

Why study Railway Engineering?

The only one of its kind in the UK, Railway Engineering at Birmingham gives you not only an accredited degree in Civil Engineering or Electrical Engineering, but also the foundations of an exciting and rewarding career where your skills and knowledge will be highly sought after. Railway projects are booming: new mainline railways and urban transportation developments are taking place around the world. Advances in technology mean new ways to manage railway systems and improve how we move about. This means that there is already a high demand for engineers who understand the specific details of the railway sector and who understand the complex nature of railway systems.

Worldwide career opportunities

This course has been developed in close collaboration with the railway industry and all of these companies offer work experience. These organisations are committed to Birmingham and offer the opportunity for you to apply for summer placements and for an optional industrial year, as well as for graduate jobs. Businesses looking for railway engineers

include train operating companies, infrastructure companies, engineering consultancies and construction contractors, as well as service organisations, manufacturers and technology developers. This means you will have best opportunities to apply your learning into your chosen field of railway civil or electrical engineering.

'Don't worry if you think a railway engineering degree is too specialised; you get a great civil or electrical engineering education as well. It means you are not tied to a railway career, but you still have a respected engineering degree.'

MARCUS, MEng Electrical and Railway Engineering, 2ND year



LEARN MORE

For more information on these degrees and to register your interest, please contact Undergraduate Admissions:

School of Engineering

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Civil and Railway Engineering:

www.birmingham.ac.uk/civil-railway-engineering

Electrical and Railway Engineering:

www.birmingham.ac.uk/electrical-railway-engineering

This leaflet was written several months in advance of the start of the academic year. It is intended to provide prospective students with a general picture of the programmes and courses offered by the School. Please note that not all programmes or all courses are offered every year. Also, because our research is constantly exploring new areas and directions of study some courses may be discontinued and new ones offered in their place.



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