



Postgraduate Electronic, Electrical and Systems Engineering courses



Electronic, Electrical and Systems Engineering (EASE) Postgraduate

Our range of engineering postgraduate programmes prepare you for a career in a dynamic field that is vital to business and global economic growth.

Why study EASE at Birmingham?

Learning from our leading researchers and industry, you can tailor your studies to your interests developing specialist knowledge for your chosen career.

Our research addresses key challenges and opportunities facing civilisation in power, communications, transport, healthcare and human-systems integration.

We have PhD and MSc by Research opportunities where you could join our world-leading research community, deepen your knowledge and develop your career.

Communications Engineering MSc

The Communications Engineering Masters equips you for a rewarding career in this challenging field. It covers a wide range of topics in communication engineering.

Electrical Power Systems MSc

The Electrical Power Systems Masters/MSc - Meeting the growing demand for engineers trained in electrical power systems and renewable energy. [Learn more.](#)

Electrical Power Systems with Advanced Research MSc

This two year Electrical Power Systems with Advanced Research Masters/MSc will give you the skills and specialist experience required to significantly enhance your career in power industry

Electronic and Computer Engineering MSc

This Electronic and Computer Engineering Masters/MSc programme is designed to equip you with the knowledge and skills you will need to play a leading part in the future of electronics. [Learn more.](#)

Electronic, Electrical and Systems Engineering PhD / MSc (Res)

Our Electronic, Electrical and Systems Engineering PhD/MSc by Research addresses key challenges currently facing our civilisation, in power, communications, transport human-systems integration.

Rail and Rail Systems Principal Engineer Degree Apprenticeship MSc

The Railway Systems Engineering & Integration (Level 7 Rail and Rail Systems Principal Engineer Degree Apprenticeship) - fully funded and meets the skills, knowledge and behaviours of the DA standard



Course type:

Degree apprenticeship

Railway Safety and Control Systems MSc / PGDip / PGCert

This Railway Safety and Control Systems Masters/MSc programme aims to create a deep and robust understanding of approaches to manage safety and risk in transport systems and projects. Learn more.

Railway Systems Engineering and Integration MSc

The Railway Systems Engineering and Integration course is designed to provide knowledge required to manage successfully the complex interfaces characterising existing and new railway systems.

Railway Systems Engineering and Integration MSc (Dubai)

Study with us at the University of Birmingham Dubai on our Railway Systems Engineering and Integration MSc course and develop your knowledge, preparing you for future career in the railway engineering

Railway Systems Integration MRes

Our Railway Systems Integration (MRes) comprises of two thirds research. You carry out a detailed research project in collaboration with industry, whilst learning more about specific railway issues.

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