



University
of Exeter

Camborne
School of Mines



BEng (Hons) Mining Engineering (part-time)

Our BEng (Hons) Mining Engineering degree is designed for people working in the mining industry. Students will quickly contribute to mining challenges and site management whilst accelerating their careers.

The course is a unique part-time offering, involving innovative learning and teaching methods, achieved through one two-week residential per year, alongside online learning material including recorded lectures and live webinars.

Our course is taught by subject-matter experts; we provide the engineering, mining, mine design, business and leadership knowledge and skills needed to become a mining engineer. Teaching across multiple mine sites we give our students an excellent opportunity to gain insight into different industry settings.

Why Exeter?

- The Camborne School of Mines at the University of Exeter is the leading mining school in the UK and is ranked 11th in the world.
- On graduating, apprentices become members of the large and influential CSM alumni association.
- A prestigious BEng (Hons) from a Russell Group university, a first step in meeting the requirement for Chartered Engineer status in the UK.
- Designed by an experienced academic team, ensuring a good balance between the workplace and study.

Topics covered

- Mining Life Cycle
- Engineering Fundamentals
- Resource Characterisation
- Digitisation and Automation
- Material Processing
- Mine design and Planning
- Energy and Sustainability
- Environmental and Social Governance
- Economics and Risk Management
- Feasibility and Business Improvement

Qualifications available

- BEng (Hons) Mining Engineering
- Associateship of the Camborne School of Mines (ACSM)

Entry requirements

- Equivalent of ABB for UK A levels or other specific qualifications (e.g. Mining Diploma). Please check the full entry requirements on our website
- Grade 4 or C in English Language or equivalent. Please check the full entry requirements on our website
- Recognition of prior learning and experience is available
- Students must be employed in a role appropriate to the course and must be sponsored by their employer.

Please [visit our website](#) for further information.



Programme structure

| | | Term 1 | Term 2 | Term 3 |
|--------------------------|--------------|---|--|---|
| Year One 90 credits | Introduction | Module 1: Mining Life Cycle and Professional Practice 30 credits | Module 2: Engineering Fundamentals 30 credits | Module 3: Mine Challenge Project 30 credits |
| Year Two 90 credits | | Module 4: Resource Characterisation 30 credits | Module 5: Resource Development 30 credits | Module 6: Energy and Sustainability 30 credits |
| Year Three 90 credits | | Module 7: Digitalisation and Automation 30 credits | Module 8: Material Processing 30 credits | Module 9: Excavation Design and Optimisation 30 credits |
| Year Four 90 credits | | Module 10: Environmental Social Governance 30 credits | Module 11: Economics and Risk Management 30 credits | Module 12: Feasibility and Business Improvement 30 credits |



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Degree Apprenticeships

Contact

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