WHAT IS MINING ENGINEERING?

Our graduates have varied and diverse career options.

Mining is essential to our daily lives. Minerals are the basic inputs for the production of building materials, pharmaceuticals and electronic devices. They are also crucial for the manufacturing and utility industries. Simply put, if it cannot be grown it must be mined. Mining engineers are concerned with developing and implementing safe and efficient mineral resource extraction plans.

The Bachelor of Mining Engineering (Honours) incorporates environment and community health and safety, project and financial management and leadership skills to produce engineers with global impact and reach.

Mining engineers require the application of mathematics, physical sciences, computer aided modelling, economics and environmental management to the extraction, processing and social issues. Development is a social licence to operate in communities, forming an integral part of the course.

Further information
eng.monash.edu/civil/resources-eng
1900 MONASH (1900 666 274)

The information in this brochure was current at the time of publication (June 2016). Monash University reserves the right to alter this information should the need arise. You should always check with the relevant Faculty office when considering a course.

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MINING ENGINEERING AT MONASH

Studying mining engineering at Monash focuses on practical solutions to industry problems to ensure our students are job ready.

To provide this practical knowledge we draw heavily upon industry education partners to deliver the current state-of-the-art industry knowledge and technology straight from industry. This ensures our students are dynamic and always relevant.

Mining engineering is a specialisation within the Bachelor of Engineering (Honours). After completing the common first year, mining engineering students enter a four-year specialisation that offers a range of units common to all four resources specialisations – geological, mining, civil and energy, and sustainable solutions.

This structure provides students with the flexibility to easily transfer between each of the four resources specialisations up until the end of the second year. Units in third and fourth levels provide targeted study in mining engineering.

SCHOLARSHIPS

Industry based scholarships are offered each year to mining engineering students. For more information visit monash.edu/study/scholarships

INDUSTRY LINKS

The Faculty of Engineering is proud to work closely with our industry partners MMG, Newcrest Mining Limited, and MMG and Newcrest Mining Limited. We have also established the Bachelor of Mining Engineering (Honours) in conjunction with The University of Queensland.

INNOVATIVE RESOURCES PEOPLE FOR TOMORROW’S WORLD.

“We are proud to support Monash and impressed with their collaborative industry partnering model and the quality of the graduating students.”

ROB PAPAWORTH
Group Manager, Talent Management & Recruitment, MMG Limited

WHY STUDY MINING ENGINEERING?

Do you like solving problems? Are you a natural born leader? Have you got an interest in the natural environment around you?

Chances are, if you have answered yes to any of these questions, mining engineering may be an enjoyable career path for you. Melbourne is the third largest corporate mining centre in the world (behind only London and Toronto). The Bachelor of Mining Engineering (Honours) was established with significant industry support from our foundation sponsors MMG and Newcrest Mining Limited. Monash also has strong links to CQCU.