Bachelor of Engineering (Mining)

Year 1


Year 2

Autumn: ENGG251 Mechanics of Solids, ENGG252 Fluid Mechanics, MINE220 Underground Mining Methods

Spring: CIVL272 Surveying, CIVL361 Geomechanics

Year 3

Autumn: MINE312 Mine Ventilation, MINE323 Mining Geomechanics

Spring: MINE324 Mineral Processing, MINE411 Health and Safety

Year 4

Autumn: ENGG452/453 Managing Projects, MINE416 Mine Valuation

Spring: ENGG452/453 OR ENGG456, Elective 4

Electives:

List A: MINE322 Foundations of Mine Planning, MINE323 Mining Geomechanics
List B: ENGG452/453 Res. Meth, CIVL272 Surveying

All students must complete ENGG454 Professional Experience (0 cp)

For students in ENGG452/456: Any 3 electives from List A and 2 electives from List A or B
For students in ENGG453: Any 2 electives from List A and 2 electives from List A or B

Pre-requisite: Co-requisite:
Electives for Mining Discipline

**List A electives**

- CHEM103 Chemistry for Engineers
- MINE313 Mine Power and Transport
- MINE434 Computer Applications in Mining Engineering
- CIVL322 Hydraulics and Hydrology
- CIVL462 Principles of Foundation Engineering
- CIVL463 Applied Geotechnical Engineering
- ENVE220 Water Quality and Ecological Engineering
- ENVE221 Air & Noise Pollution Control
- ENVE410 Site Remediation
- ENVE420 Water Engineering
- ENGG302 Infrastructure Systems
- ENGG477 Ocean Engineering
- ENGG433 Financial Management
- ENGG439 Engineering Logistics and Operations Management

**List B electives**

- ECON100 Economics Essentials for Business
- ECON102 Economics and Society
- EESC105 Introductory Geospatial Analysis
- EESC305 Remote Sensing of the Environment
- MAND151 Chinese (Mandarin) for Beginners

or other approved Engineering or General Electives