

Master Mine Geotechnical Engineering 8059 - T1 2026 Start

Program: Mine Geotechnical Engineering [8059]

Year 1 Term 1

| Course or Activity | Prerequisites | Credits |
|--|---------------|---------|
| MINE5050 Ground Control Principles and Practice in Underground Coal Mining | | 6 |
| MINE8760 Mine Geology and Geophysics for Mining Operations | | 6 |

Year 1 Term 2

| Course or Activity | Prerequisites | Credits |
|--|---------------|---------|
| MINE5040 Coal Mining Methods, Mine Planning and Applied Geomechanics | | 6 |
| MINE8120 Hazard Identification, Risk and Safety Management in Mining | | 6 |
| MINE8680 Geotechnical Data Collection and Analysis | | 6 |

Year 1 Term 3

| Course or Activity | Prerequisites | Credits |
|--|---------------|---------|
| MINE8710 Mine Slope Stability | | 6 |
| MINE8860 Drilling, Blasting and Machine Excavation | | 6 |
| MINE8940 Mine Slope Monitoring Technologies | | 6 |

Year 2 Term 1

| Course or Activity | Prerequisites | Credits |
|---|---------------|---------|
| MINE8440 Mining Industry Research Project 1 | | 6 |
| <i>Electives</i> | | 6 |

Year 2 Term 2

| Course or Activity | Prerequisites | Credits |
|---|---------------|---------|
| MINE8140 Mining Geomechanics | | 6 |
| MINE8445 Mining Industry Research Project 2 | MINE8440 | 6 |