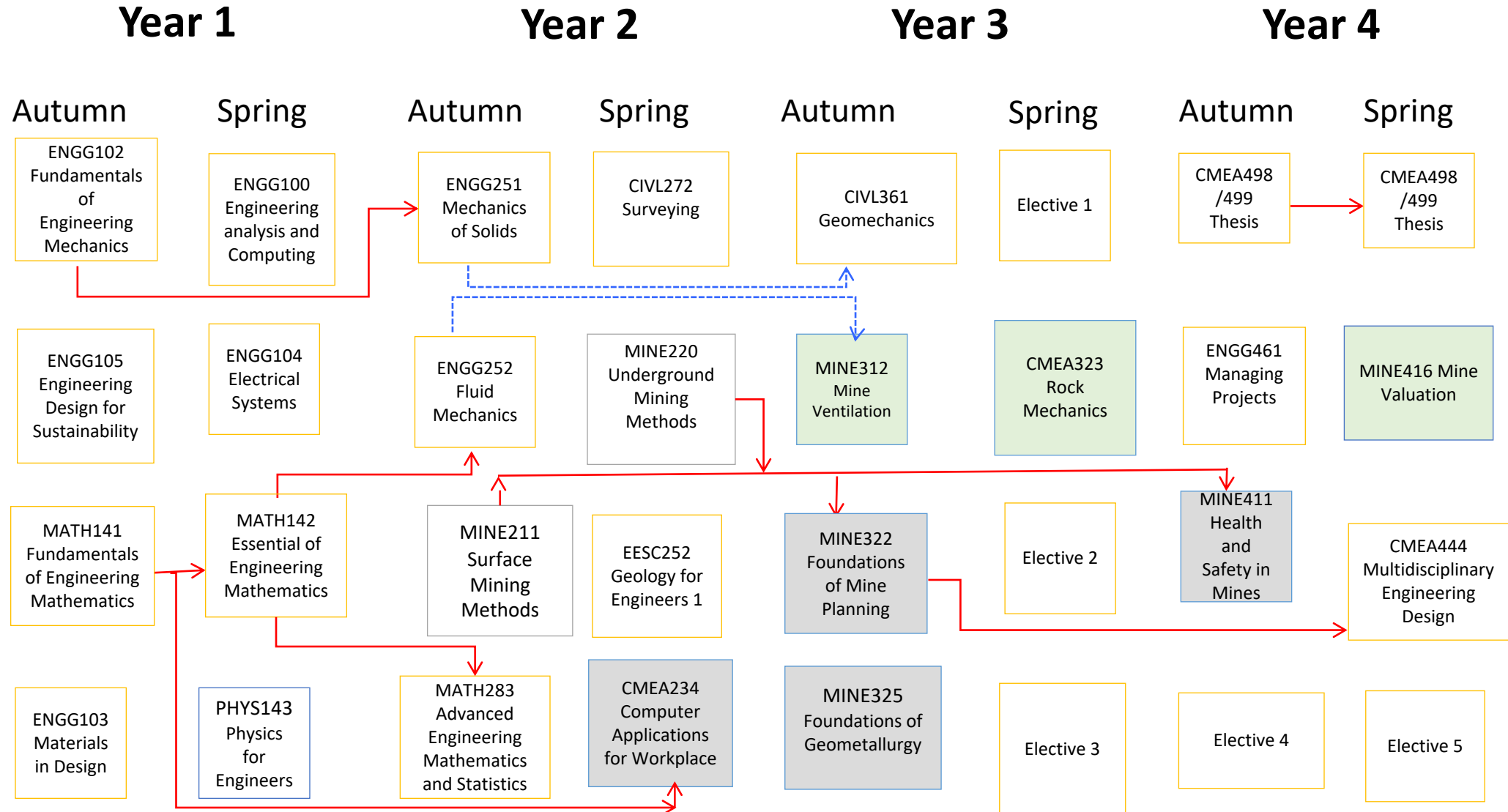




Bachelor of Engineering (Mining)



Pre-requisite: 
 Co-requisite: 

Offered in an odd year only

Offered in an even year only

All students must complete ENGG454 Professional Experience (0 cp)

For students in CMEA498:

For students in CMEA499:

any 4 electives from List A and 1 elective from List A or B

any 3 electives from List A and 1 elective from List A or B

List A Electives

AENG200	History of Architectural Design
AENG201	Architectural Engineering Design 1: Net Zero Energy Houses
CHEM103	Chemistry for Engineers
CIVL201	Computer Modelling in Civil Engineering
CIVL322	Hydraulics and Hydrology
CIVL365	Principles of Foundation Engineering
CIVL463	Applied Geotechnical Engineering
CSCI291	Programming for Engineers
ENVE220	Water Quality and Ecological Engineering
ENVE221	Air and Noise Pollution Control Engineering
ENVE420	Water Resources Engineering
ENGG439	Engineering Logistics and Operations Management
ENGG440	Strategic Management of Engineering
ENGG457	Engineering Project B
ENGG472	Humanitarian Engineering

or other approved Engineering Electives

List B Electives

List B electives are common to all majors for the Bachelor of Engineering (Hons) and listed here: [Elective B list](#)

Students can do a minor by completing 24 CP from any other engineering discipline. For the Faculty Minor of study, please refer to URL: <https://courses.uow.edu.au/courses/current/1856>

Bachelor of Engineering (with Mining Minor)

Civil, Environmental, Materials or Mechanical Engineering and Geology majors can graduate with Mining Engineering minor on completion of the following recommended mining subjects in lieu of list A and B electives. A minor in Mining Engineering may help in securing jobs in the mining industry.



BE(Hons) Civil, Environmental, Materials or Mechanical Engineering major 168 cp

Year 1

48 Credit points (cp) common core

Year 2

48 Credit points (cp) major offerings

Years 3 and 4

72 Credit points (cp) major offerings

Approved mining minor replacing 24 cp List A and B electives

At least 6 cp from:

MINE220 Underground mining methods

MINE211 Surface mining methods

12 to 18 cp from:

MINE312 Mine ventilation (Autumn-odd year)

MINE322 Foundations of mine planning (Autumn-odd year)

CMEA323 Rock Mechanics(Spring-even year)

MINE325 Foundations of geometallurgy (Autumn-odd year)

MINE411 Health and safety in mines (Autumn-odd year)

MINE416 Mine valuation (Spring-even year)