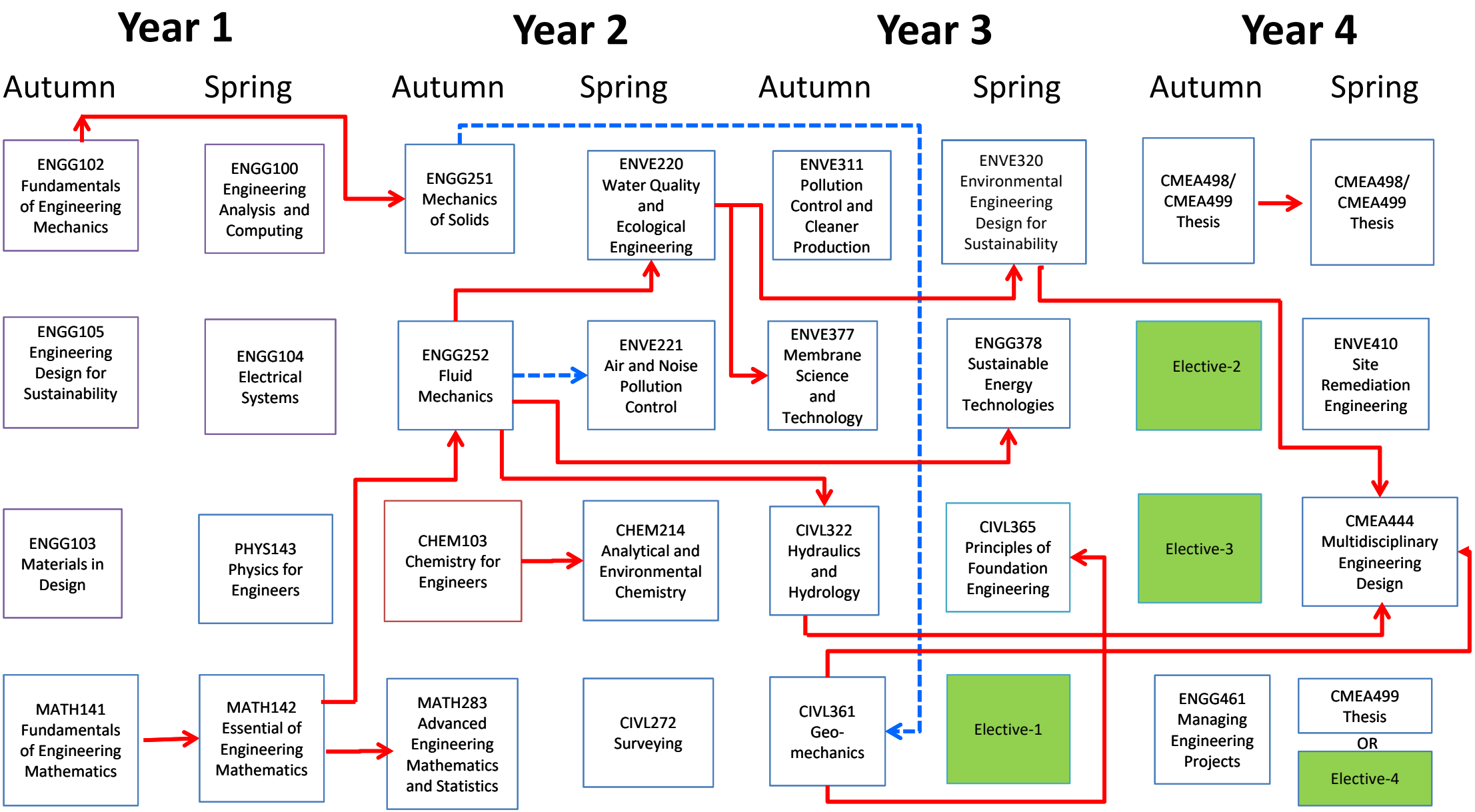
Bachelor of Engineering (Environmental) degree map 2024



Pre-requisite:
Co-requisite:

All students must complete ENGG454 Professional Experience (0 cp)

For students in CMEA498: Any 2 electives from List A and 2 electives from List A or B

For students in CMEA499: Any 1 elective from List A and 2 electives from List A or B

Electives for Environmental Discipline

List A electives

AENG200 History of Architectural Design
AENG201 Architectural Engineering Design 1: Net Zero Energy Houses
AENG301 Architectural Engineering Design 2
CIVL201 Computer Modelling in Civil Engineering
CIVL311 Structural Design 1
CIVL314 Structural Design 2
CIVL352 Structures 1
CIVL451 Construction
CIVL454 Structures 2
CIVL458 Fundamentals of Construction Management
CIVL463 Applied Geotechnical Engineering
CIVL491 Applied Finite Element Analysis for Civil Engineers
CIVL489 Sustainable Road & Transport Engineering
CMEA234 Computer Applications for the Workplace
CSCI291 Programming for Engineers
EESC252 Geology for Engineers I
ENGG210 Building Physics and Building Services
ENGG310 Building Information Modelling for Engineers
ENGG433 Financial Management for Engineers
ENGG439 Engineering Logistics and Operations Management
ENGG440 Strategic Management of Engineering
ENVE420 Water Resources Engineering
MECH442 Sustainable Energy in Buildings
MINE220 Underground Mining Methods
MINE211 Surface Mining Methods
MINE312 Mine Ventilation
MINE325 Foundations of Geometallurgy

Or, other approved Electives

List B electives

A full list of List B electives can be found via this link.
https://courses.uow.edu.au/courses/current/1856

Students can do a minor by completing 24 CP from any other engineering discipline. Please refer to

https://courses.uow.edu.au/courses/current/1856

Bachelor of Engineering (with Environmental Minor)- MIN3019

The minor in Environmental Engineering requires satisfactory completion of 24 credit points:
i) Select 12 credit points from the CORE list and
ii) Select 12 credit points from the ELECTIVE list
iii) If you are taking a major in Environmental Engineering, you cannot select this minor.
(iv) No more than 1 subject from the core of the degree requirements for the student's major can be counted in the minor study.

A minor in Environmental Engineering can also assist in providing a competitive edge in graduate employment opportunities.

CORE 12 credit points	ENVE220 Water Quality and Ecological Engineering	6 cp
	ENVE221 Air and Noise Pollution Control Engineering	6 cp
ELECTIVE 12 credit points **(Complete any 2 subjects from this list)**	ENGG252 Engineering Fluid Mechanics	6 cp
	ENVE311 Pollution Control and Cleaner Production	6 cp
	ENVE377 Membrane Science and Technology	6 cp
	ENVE410 Site Remediation Engineering	6 cp
	ENVE420 Water Resources Engineering	6 cp
	CIVL322 Hydraulics and Hydrology	6 cp