

Bachelor of Engineering (Honours) (Architectural Engineering) Degree map – 2022

Year 1

Year 2

Year 3

Year 4

Autumn

Spring

Autumn

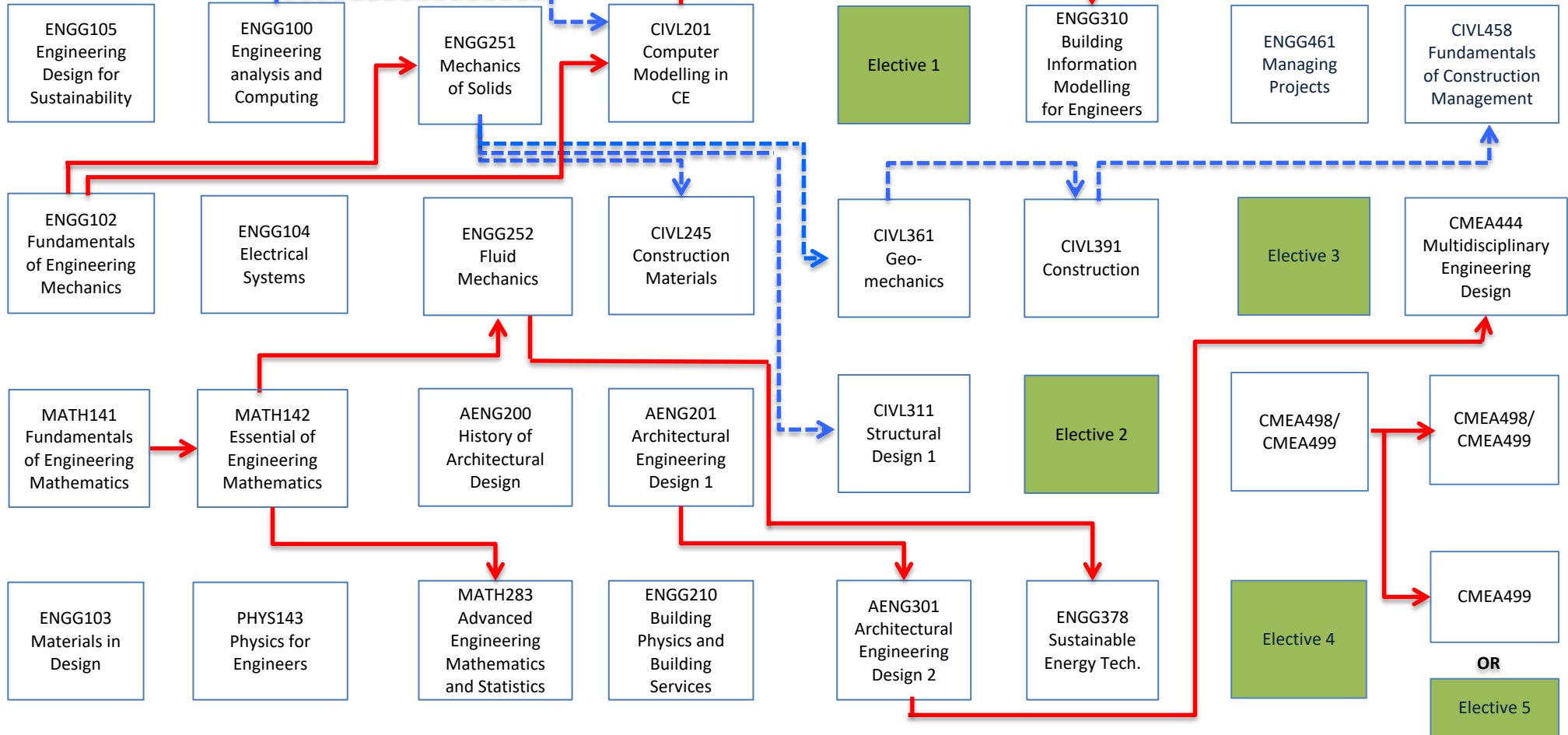
Spring

Autumn

Spring

Autumn

Spring



All students must complete ENGG454 Professional Experience (0 cp)

For students in CMEA498: Any 3 elective from List A and 3 elective from List A or B

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

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Degree map – 2023

Year 1

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Autumn

Spring

Autumn

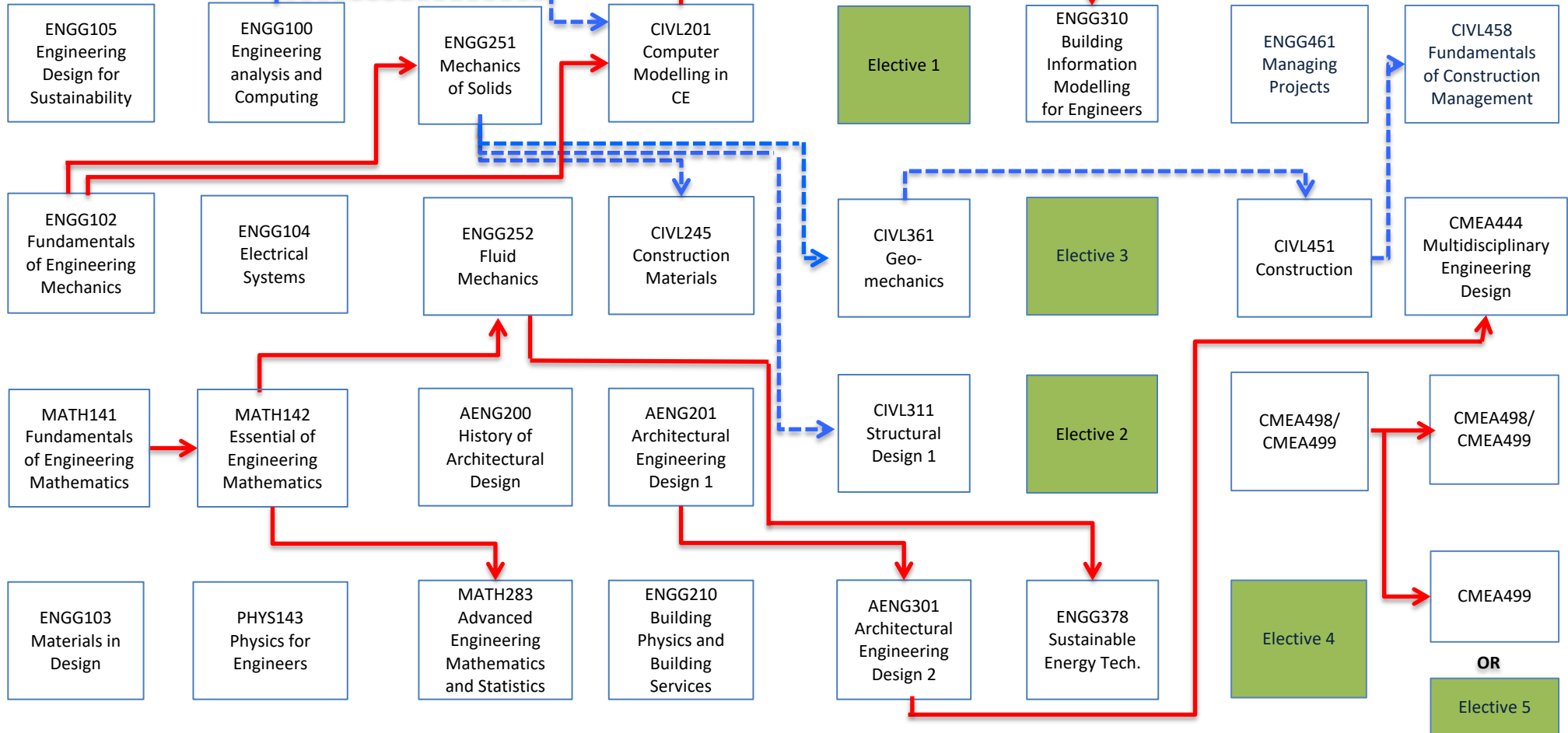
Spring

Autumn

Spring

Autumn

Spring



Pre-requisite: 
Co-requisite: 

All students must complete ENGG454 Professional Experience (0 cp)
 For students in CMEA498: Any 3 electives from List A and 3 electives from List A or B
 For students in CMEA499: Any 2 elective from List A and 2 electives from List A or B

List A Electives

[CHEM103 Chemistry For Engineering](#)
[CIVL272 Surveying](#)
[CMEA234 Computer Applications for Workplace](#)
[EESC252 Geology for Engineers I](#)
[CSCI291 Programming for Engineers](#)
[ENVE320 Environmental Engineering Design for Sustainability](#)
[CIVL314 Structural Design 2](#)
[CIVL322 Hydraulics and Hydrology](#)
[CIVL352 Structures 1](#)
[CIVL454 Structures 2](#)
[CIVL462 Principles of Foundation Engineering](#)
[CIVL463 Applied Geotechnical Engineering](#)
[CIVL491 Applied Finite Element Analysis for Civil Engineers](#)
[ENGG433 Financial Management for Engineers](#)
[MECH442 Sustainable Energy in Buildings](#)
[ENGG446 Energy Efficiency and Energy Auditing in the Built Environment](#)
[ENGG472 Humanitarian Engineering](#)
[ENVE311 Pollution Control and Cleaner Production](#)
[ENVE410 Site Remediation Engineering](#)
[ENVE420 Water Resources 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. Please refer to

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

Bachelor of Engineering (with Architectural Minor)

Civil, Environmental, or Mechanical Engineering majors can graduate with an Architectural Engineering minor on completion of the following subjects within the elective slots. A minor in Architectural Engineering may help in securing jobs in the buildings industry.



BE(Hons) Civil, Environmental, 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 Architectural minor replacing 24 cp electives

12cp from:

AENG200	History of Architectural Design
AENG201	Architectural Engineering Design 1

12 cp from:

CIVL201	Computer modelling in Civil Engineering
ENGG210	Building Physics and Building Services
AENG301	Architectural Engineering Design 2
ENGG310	Building Information Modelling for Engineers
ENGG378	Sustainable Energy Technologies
CMEA444	Multidisciplinary Engineering Design
CIVL458	Fundamentals of Construction Management