

3773 – Engineering (Honours) / Engineering Science
Civil Engineering / Environmental Engineering OR
Civil Engineering / Mining Engineering

Students are required to complete 12 UoC of free electives. These can be used to take Engineering or non-engineering courses.

Where students meet all the requirements for both degrees in less than 240 UoC, students must complete additional elective courses to bring the total to 240 UoC. These electives must be taken from the Faculty of Engineering. This has been factored in to the below plan.

Within the 3706 specialisations, there are 18 UoC of common core courses for Lvl 1 and 2 (36 UoC total). This has been factored in to the below plan with the additional elective requirements. If students choose to take independent core subjects within the 3706 specialisations, the elective configuration will be different than the below outline. The list of subjects can be found in the handbook.

Due to the 36 UoC of common courses within these specialisations, the below plan has been designed to add up to the total program UoC of 240.

Students who take CVEN4951 or CVEN4961 must take CVEN4701 as one of their discipline electives.

Note: School approval is required to take the alternative thesis options CVEN4951/4952/4953 or CVEN4961/4962/4963

Course	UoC	Specialisation	Complete?	Notes
Engineering Honours (3707) Specialisation				
CVENAH				
Core Courses				
DESN1000	6	CVENK1 / MINEC1		
ENGG1300	6			
ENGG1811	6	CVENK1 / MINEC1		
MATH1131 or MATH1141	6	CVENK1 / MINEC1		
MATH1231 or MATH1241	6	CVENK1 / MINEC1		
PHYS1121 or PHYS1131	6	CVENK1 / MINEC1		
MATS1101	6			
CVEN2002	6			
CVEN2101	6			
CVEN2303	6			
DESN2000	6	CVENK1 / MINEC1		
ENGG2400	6	MINEC1		
ENGG2500	6	CVENK1 / MINEC1		
MATH2018 or MATH2019	6	CVENK1 / MINEC1		
CVEN3101	6			
CVEN3202	6			
CVEN3203	6			
CVEN3303	6			
CVEN3304	6			
CVEN3401	6			
CVEN3501	6			
CVEN3502	6			
Thesis Component				
(CVEN4050 and CVEN4051)	6			
	6			
OR				
(CVEN4951 and CVEN4952 and CVEN4953)	4			
	4			
	4			
OR				
Higher Honours Research Thesis				
CVEN4961 and CVEN4962 and CVEN4963	6			
	6			
	12			
Stream Elective Requirements				
Discipline Elective	6			
Discipline Elective	6			
Discipline Elective	6			
Discipline Elective	6			
Industrial Training (60 days)				
UoC Subtotal	168			

Course	UoC	Complete?	Notes
Engineering Science (3706) Specialisation			
CVENK1			
Lvl 1 & 2 core requirements are fulfilled by the core courses taken in CVENAH			
Lvl 1 Core	18 UoC		
Lvl 2 Core	18 UoC		
Level 3 & 4 Prescribed Electives			
Prescribed Elective	6		
Prescribed Elective	6		
Prescribed Elective	6		
Prescribed Elective	6		
Additional Electives			
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
UoC Subtotal	96		
OR			
MINEC1			
Lvl 1 & 2 core requirements are fulfilled by the core courses taken in CVENAH			
Lvl 1 Core	18 UoC		
Lvl 2 Core	18 UoC		
Level 3 & 4 Prescribed Electives			
Prescribed Elective	6		
Prescribed Elective	6		
Prescribed Elective	6		
Prescribed Elective	6		
Additional Electives			
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
Additional Elective	6		
UoC Subtotal	96		
AND			
Additional Program Requirements			
Free Elective Requirement			
Free Elective	6		
Free Elective	6		
UoC Subtotal	12		

TOTAL PROGRAM UoC

240

Counts towards 3706
Counts towards 3706