

# Civil Engineering

Program / Degree: PROGRAM 3707 Engineering Hons (Civil Engineering)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 <sup>st</sup>	MATH1131 Mathematics 1A <b>OR</b> MATH1141 Higher Mathematics 1A	6	ENGG1300 Engineering Mechanics	6	ENGG1811 Computing for Engineers	6
	ENGG1000 Engineering Design	6	ENGG1400 Engineering Infrastructure Systems	6	MATS1101	6
	PHYS1121 Physics 1 <b>OR</b> PHYS1131 Higher Physics 1A	6	MATH1231 Maths 1B Or MATH1241 Higher Maths 1B	6	Gen Ed	6
	Total UOC	18	Total UOC	18	Total UOC	18
2 <sup>nd</sup>	CVEN2501 Principles of Water Engineering	6	CVEN2002 Engineering Computations	6	<i>ENGG4901 Co-op Industry Training 1</i>	12
	MATH2019 Engineering Mathematics 2E	6	CVEN2401 Sustainable Transport and Highway Engineering	6		
CVEN2301 Mechanics of Solids for Civil Engineers	6	CVEN2303 Structural Analysis and Modelling	6			
	Total UOC	18	Total UOC	18	Total UOC (nominal)	12
3 <sup>rd</sup>	CVEN3501 Water Resources Engineering	6	CVEN3031 Civil Engineering Practice	6	CVEN2101 Engineering Construction	6
	CVEN3303 Steel Structures	6	CVEN3502 Water and Wastewater Engineering	6	CVEN3202 Soil Mechanics	6
	Elective	6	CVEN3304 Concrete Structures	6	Elective	6
	Total UOC	18	Total UOC	18	Total UOC	18
4 <sup>th</sup>	<i>ENGG4902 Co-op Industry Training 2A</i>	12	<i>ENGG4902 Co-op Industry Training 2B</i> <i>ENGG4902 Co-op Industry Training 3A</i>	6 6	<i>ENGG4902 Co-op Industry Training 3B</i>	12
	Total UOC (nominal)	12	Total UOC (nominal)	12	Total UOC (nominal)	12
5 <sup>th</sup>	CVEN3203 Applied Geotechnics and Engineering Geology	6	CVEN4040 Research Thesis A OR CVEN4050 Thesis A	6	CVEN4041 Research Thesis B or CVEN4051 Thesis B	6
	Elective	6	CVEN4701 Planning Sustainable Infrastructure	6	Elective	6
	Gen Ed	6			CVEN3101 Engineering Operations and Control	6
	Total UOC	18	Total UOC	12	Total UOC	18

### Notes:

- This is a SAMPLE study outline only and can be subject to change.
- You must always take your Industry Training schedule into consideration when planning your course enrolment or other commitments (see diagram below).
  - For Electives: <https://www.engineering.unsw.edu.au/civil-engineering/discipline-electives-old>

### Resources:

- UNSW Handbook <https://www.handbook.unsw.edu.au/undergraduate/specialisations/2019/cvenah?q=civil%20engineering>
- School: <https://www.engineering.unsw.edu.au/civil-engineering/>
- Co-op: <https://www.coop.unsw.edu.au/programs/civil-engineering-civ>

### Co-op Academic Coordinator

*For enrolment related questions please always contact your Co-op Academic Coordinator in the first instance:*

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### When would I be on Industry Training (IT)?

