

Mid-year Enrolment Course Structure

Course Code – EG8.CIV

Course Name – Bachelor of Engineering (Civil) (Honours)

First Year	Unit Code	Unit Name	Unit Rules
Semester 2			
	ENGIN1005	Engineering Mechanics	EX: ENCOR1110 & ENCOR1021 & GPENG1005
	COOPC1025	Professional Identity (Engineering)	
	MATHS1102	Linear Algebra and Applications	EX: MATHS1005
		15 CP General Elective	
Second Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGIN1003	Materials in Engineering	EX: ENCOR1110 & GPENG1003
	ENGIN1004	Engineering Design and Drafting	EX: ENCOR1010 & GPENG1004
	ENGIN2301	Mechanics of Solids	PR: ENCOR1000 or ENCOR1021 or ENGIN1005 EX: ENCOR2030
	MATHS1001	Modelling and Change (Introductory Level)	
Semester 2			
	ENGIN2002	Engineering Project Management and Sustainable Design	EX: ENMEC2121 & ENMTX2050
	ENGIN2203	Structural Analysis	PR: ENCOR2030 or ENGIN2301 EX: ENCIV2310
	ENGIN2204	Introduction to Geotechnical Engineering	PR: ENGIN2301 EX: ENCIV2330
	ENGIN2304	Thermofluids	PR: ENGIN1005 & MATHS1001 EX: ENCOR2100
Third Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGIN1007	Foundations of Electrical and Electronic Engineering	
	ENGIN2202	Concrete Technology and Civil Construction	PR: ENCOR1110 or ENGIN1003 EX: ENCIV2020
	ENGIN3203	Traffic and Transport	EX: ENCIV3340

	MATHS2016	Modelling Continuous Change	PR: MATHS1001
Semester 2			
	ENGIN3002	Engineering Design Project	PR: ENGIN2002 or ENMTX2050 EX: ENCIV3360 & ENMEC2120 & ENMEC3250 & ENMTX3800
	COOPC2001 or COOPC2005	Community Impact Project 1 Co-Operative Placement (Engineering)	PR: 120 cp PR: Minimum 105 credit points EX: BUGEN3751 & BUGEN3752 & SCCOR3003 & SCCOR3014
	ENGIN3205	Road Engineering	PR: ENCIV3340 or ENGIN3203 EX: ENCIV3350
	ENGIN4203	Engineering Construction	PR: ENGIN2202
Fourth Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGIN2201	Hydraulics and Hydrology	PR: ENCOR1021 or ENCOR2100 or ENGIN1002 EX: ENCIV2320
	ENGIN3201	Structural Design	PR: ENCIV2310 or ENGIN2203 EX: ENCIV3310
	ENGIN3202	Geotechnical Engineering	PR: ENGIN2204 EX: ENCIV3330
	ENGIN3204	Engineering Surveying	EX: ENCIV2010
Semester 2			
	ENGIN3206	Water and Wastewater	PR: ENCIV2320 or ENGIN2201 EX: ENCIV3320
	ENGIN4001	Engineering Project 1	EX: ENCOR4100
		Specialisation Elective	
Fifth Year	Unit Code	Unit Name	Unit Rules
Semester 1			
	ENGIN4002	Engineering Project 2	PR: ENCOR4100 or ENGIN4001 EX: ENCOR4200
		Specialisation Elective	
		Specialisation Elective	

Specialisation list

Semester 1

ENGIN4201 Management of Water Resources

ENGIN5302	Modelling and Simulation
SCENV2600	Geographic Information Systems
Semester 2	
ENGIN4203	Engineering Construction
ENGIN5202	Advanced Structural Analysis I
MREGC5004	Asset Management Techniques

Additional Information

This program structure applies to mid-year entry students.

TEQSA have advised that, in accordance with B1.1.3 of [Higher Education Standards Framework \(Threshold Standards\) 2021](#) all Higher Education Providers are required to show their TEQSA Provider number and Provider Category on all relevant public material. ITS have ensured that our website and email signature templates have been amended to ensure compliance and have provided a knowledge article to assist you to update your signatures. Marketing are working to update the brand library and all social media accounts.

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a course/s that must be completed prior to undertaking another course.

CO: Co-requisite, a course/s that must be completed simultaneously, or prior to, undertaking another course.

EX: Exclusion, a course/s that may not be taken.