

**BB-ECVBUS3 Bachelor of Engineering (Civil Engineering) (Honours) / Bachelor of Business
Recommended Study Sequence (August Intake) 2021**

Year	Sem / Date	Code	Subjects	Pre-requisite	
1	1 Aug 2021	ENG10001	Engineering, Design and Innovation	NIL	
		ENG10002	Engineering Materials	NIL	
		MTH10012	Calculus and Applications	NIL	
		PHY10001	Energy and Motion	NIL	
	2 Feb 2022	ENG10003	Mechanics of Structures	NIL	
		ENG10004	Digital and Data Systems	NIL	
		MTH10013	Linear Algebra and Applications	NIL	
		PHY10004	Electronics and Electromagnetism	NIL	
2	3 Aug 2022	MEE20004	Structural Mechanics	CVE10004 or ENG10003	
		CVE20002	Computer Aided Engineering Civil	CVE10002 or ENG10001	
		MME30001	Engineering Management 1	100 CPS	
		MEE20003	Fluid Mechanics	MTH10007 or MTH10012 and MTH10013	
	4 Feb 2023	CVE20001	Topographical Engineering	MTH10006 or MTH10012 Co-req: CVE20002 (Must be studied either before or at the same time)	
		CVE30001	Urban Water Resources	MEE20003 Co-req: CVE20002 (Must be studied either before or at the same time)	
		CVE30002	Design of Steel Structures	MEE20004	
		MTH20010	Mathematics 3A	MTH10007 or MTH10012 and MTH10013	
	3	5 Aug 2023	CVE20005	Road Engineering	CVE20001
			CVE30004	Cost Engineering	175 CPS
CVE20003			Design of Concrete Structures	MEE20004	
			1st Unit of Chosen Business Major		
EAT20008*		EAT20008	Professional Experience in Engineering		
6 Feb 2024		CVE30003	Transport Engineering	CVE20005	
		CVE20004	Geomechanics	CVE10004 or ENG10003	
			2nd Unit of Chosen Business Major		
		3rd Unit of Chosen Business Major			
4	7 Aug 2024	CVE40004^	Water Engineering	CVE30001	
		CVE40001	Geotechnical Engineering	CVE20004	
			4th Unit of Chosen Business Major		
			5th Unit of Chosen Business Major		
	8 Feb 2025	CVE40002	Structural Design of Low Rise Buildings	CVE20003 and CVE30002	
			6th Unit of Chosen Business Major		
			7th Unit of Chosen Business Major		
			8th Unit of Chosen Business Major		
	9 Aug 2025	CVE40006^	Infrastructure Design Project	CVE20003 and CVE30002	
		EAT40001^	Final Year Research Project 1 (Eng/Bus)	350 CPS and 4 core Business units (ECO10002/ECO10003/ ECO10004) and (ACC10003/ACC10007) and (ENT30010/INF10003/ ORG10003) and (LAW10004/MKT10007)	
			9th Unit of Chosen Business Major		
			10th Unit of Chosen Business Major		
	10 Feb 2026	EAT40002^	Final Year Research Project 2 (Eng/Bus)	EAT40001	
		MME40001	Engineering Management 2	100 CPS	
			11th Unit of Chosen Business Major		
			12th Unit of Chosen Business Major		

* **EAT20008 Professional Experience in Engineering** is compulsory for all students who commenced first year from 2004, and **MUST** be taken before the last semester of study as part of EAC's requirement. Students who complete one or two IBL placements are eligible for exemption from EAT20008.

^ **Capstone Project:** This program contains 4 Capstone experiences.