

**BB-ECVBUS3 Bachelor of Engineering (Civil Engineering) (Honours) / Bachelor of Business
Recommended Study Sequence (September Intake) 2019**

Year	Sem / Date	Code	Subjects	Pre-requisite
1	1 Sep 2019	ENG10001	Engineering, Design and Innovation	NIL
		ENG10002	Engineering Materials	NIL
		MTH10012	Calculus and Applications	NIL
		PHY10001	Energy and Motion	NIL
	2 Feb 2020	ENG10003	Mechanics of Structures	NIL
		ENG10004	Digital and Data Systems	NIL
		MTH10013	Linear Algebra and Applications	VCE Math Methods/Equivalent
		PHY10004	Electronics and Electromagnetism	NIL
2	3 Aug 2020	MEE20004	Structural Mechanics	CVE10004/ENG10003
		CVE20002	Computer Aided Engineering Civil	CVE10002 or pre/co-requisite ENG10003
		MME30001	Engineering Management 1	100 CPS
		MEE20003	Fluid Mechanics	MTH10007/MTH10012&MTH10013
	4 Feb 2021	CVE20001	Topographical Engineering	Pre-req: MTH10006/MTH10012 Pre/Co-req: CVE20002
		CVE30001	Urban Water Resources	Pre-req: MEE20003 Pre/Co-req: CVE20002
		CVE30002	Design of Steel Structures	MEE20004
		MTH20010	Engineering Mathematics 3A	MTH10007/MTH10012&MTH10013
3	5 Aug 2021	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 2022	CVE30003	Transport Engineering	CVE20005
		CVE20004	Geomechanics	MEE20004
			2nd Unit of Chosen Business Major	
4	7 Aug 2022	CVE40004^	Water and Environmental Engineering	CVE30001
		CVE40001	Geotechnical Engineering	CVE20004
			4th Unit of Chosen Business Major	
			5th Unit of Chosen Business Major	
	8 Feb 2023	CVE40002	Structural Design of Low Rise Buildings	CVE20003 & CVE30002
			6th Unit of Chosen Business Major	
			7th Unit of Chosen Business Major	
			8th Unit of Chosen Business Major	
5	9 Aug 2023	CVE40006^	Infrastructure Design Project	CVE20003 & CVE30002
		EAT40001^	Final Year Research Project 1 (Eng/Bus)	350 CPS excluding IBL 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 2024	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.