

AY2021-22 CVEC CGPA Computation

List of courses that contribute towards BSocSci (Econs)				AU Load	
Discipline Requirement	Core	HE1001	Microeconomic I	3	32 AUs
		HE1002	Macroeconomic I	3	
		HE2001	Microeconomics II	3	
		HE2002	Macroeconomics II	3	
		HE2003	Econometrics I	3	
		HE3001	Microeconomics III	3	
		HE3002	Macroeconomics III	3	
		HE3003	Econometrics II	3	
		CV4911	Final Year Project	8	
	Major PE	MH1820	Introduction to Probability and Statistical Methods	3	33 AUs
		HExxxx	Econs PE1	3	
		HExxxx	Econs PE2	3	
		HExxxx	Econs PE3	3	
		HExxxx	Econs PE4	3	
		HExxxx	Econs PE5	3	
		HExxxx	Econs PE6	3	
		HExxxx	Econs PE7	4	
		HExxxx	Econs PE8	4	
		HExxxx	Econs PE9	4	
	BDE	PH1011	Physics**	3	30 AU 9AU from Year 1 Engineering graded Core courses that yield the highest CGPA. Remaining 21AU from Year 2 and 3 Engineering graded courses that yield the highest CGPA. + 5 AU (PA Option)
		MH1810	Mathematics 1	3	
		MH1811	Mathematics 2	3	
		FE1073	Introduction to Engineering & Practices	1	
		CV1011	Mechanics of Materials	4	
		CV1012	Fluid Mechanics	3	
		CV1013	Civil Engineering Materials	3	
		CV1014	Introduction to Computational Thinking	3	
		CV1711	Civil Engineering Drawing	1	
		CV2011	Structural Analysis I	3	
		CV2012	Structural Analysis II	3	
		CV2013	Engineering Geology & Soil Mechanics	3	
		CV2014	Geotechnical Engineering	3	
		CV2019	Matrix Algebra & Computational Methods	3	
	CV2020	Water Resources Engineering	3		
	CV2711	Civil Engineering Laboratory A	1		
	CV2712	Civil Engineering Laboratory B	1		
	CV3011	Reinforced Concrete Design	3		
	CV3012	Steel Design	3		
	CV3013	Foundation Engineering	3		
	CV3014	Transportation Engineering	3		
	CV3017^	Environmental Engineering	2		
	CV3016	Construction Technology & Processes	3		
	EG1001	Engineers in Society	3		
Interdisciplinary Collaborative Core	Comm on Core	CC0001	Inquiry and Communication in the Interdisciplinary World	2	17 AUs
		CC0002	Navigating the Digital World	2	
		CC0003	Ethics & Civics in a Multi-Cultural World	2	
		CC0005	Healthy Living & Wellbeing	3	
		CC0006	Sustainability: Society, Economy & Environment	3	
		CC0007	Science & Technology for Humanity	3	
		ML0004	Career and Entrepreneurial Development for the Future World	2	
	Found ational Core	CV0003	Introduction to Data Science and Artificial Intelligence	3	
		HW0288	Engineering Communication	2	
		CV3914/ CV3915	Professional Internship / Professional Attachment	10 /5	
Total AUs				127 AUs	

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List of courses that contribute towards BSocSci (Econs)				AU Load	
Discipline Requirement	Core	HE1001	Microeconomic I	3	32 AUs
		HE1002	Macroeconomic I	3	
		HE2001	Microeconomics II	3	
		HE2002	Macroeconomics II	3	
		HE2003	Econometrics I	3	
		HE3001	Microeconomics III	3	
		HE3002	Macroeconomics III	3	
		HE3003	Econometrics II	3	
		EN4911	Final Year Project	8	
	Major PE	MH1820	Intro to Probability & Statistical Inference	3	33 AUs
		HExxxx	Econs PE1	3	
		HExxxx	Econs PE2	3	
		HExxxx	Econs PE3	3	
		HExxxx	Econs PE4	3	
		HExxxx	Econs PE5	3	
		HExxxx	Econs PE6	3	
		HExxxx	Econs PE7	4	
		HExxxx	Econs PE8	4	
	BDE	PH1011	Physics**	3	30 AU 9AU from Year 1 Engineering graded Core courses that yield the highest CGPA. Remaining 21AU from Year 2 and 3 Engineering graded courses that yield the highest CGPA. + 5 AU (PA Option)
		MH1810	Mathematics 1	3	
		MH1811	Mathematics 2	3	
		FE1073	Introduction to Engineering & Practices	1	
		CV1011	Mechanics of Materials	4	
		CV1012	Fluid Mechanics	3	
		CV1014	Introduction to Computational Thinking	3	
		CV1711	Civil Engineering Drawing	1	
		EN1001	Environmental Chemistry	3	
		EG1001	Engineers in Society	2	
		CV2011	Structural Analysis I	3	
		CV2020	Water Resources Engineering	3	
EN2002		Environmental Biology and Microbiology	3		
EN2003		Water Supply Engineering	3		
EN2712		Environmental Engineering Laboratory B	1		
EN3001		Solid & Hazardous Waste Management	3		
EN3002		Wastewater Engineering	3		
EN3003	Environmental Transport Processes	3			
EN3004	Air Pollution Control Engineering	3			
EN3006	Energy Resource Engineering Energy Resource	3			
Interdisciplinary Collaborative Core	Common Core	CC0001	Inquiry and Communication in the Interdisciplinary World	2	17 AUs
		CC0002	Navigating the Digital World	2	
		CC0003	Ethics & Civics in a Multi-Cultural World	2	
		CC0005	Healthy Living & Wellbeing	3	
		CC0006	Sustainability: Society, Economy & Environment	3	
		CC0007	Science & Technology for Humanity	3	
		ML0004	Career and Entrepreneurial Development for the Future World	2	
	Foundational Core	CV0003	Introduction to Data Science and Artificial Intelligence	3	15 AUs (PI Option) / 10 AUs (PA Option)
		HW0288	Engineering Communication	2	
		CV3914/ CV3915	Professional Internship / Professional Attachment	10/5	
Total AUs				127 AUs	