

CVEC CGPA Computation (wef AY2021-2022 Intake onwards)

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			
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	15 AUs (PI Option) / 10 AUs (PA Option)
		HW0288	Engineering Communication	2	
CV3914/ CV3915^		Professional Internship / Professional Attachment	10 /5		
Total AUs				127 AUs	

** Students without 'A' level Physics will take PH1012 (FE1012) Physics A (4AU)

^ Students from U23 intake onwards will do CV3920 Professional Internship or CV3910 Professional Attachment instead

ENEC CGPA Computation (wef AY2021-2022 Intake onwards)

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			
		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			
	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			
Interdisciplin ary 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			
	Foundati onal 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		

** Students without 'A' level Physics will take PH1012 (FE1012) Physics A (4AU)

^ Students from U23 intake onwards will do CV3920 Professional Internship or CV3910 Professional Attachment instead