

## Students admitted wef AY2023-24 and thereafter for ENEC CGPA Computation

List of courses that contribute towards BEng (Environmental Engineering)					AU Load	
Discipline Requirement	Core	PH1011	Physics**	3	80 AUs	
		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	Engineering Drawing and 3D Building Information Modelling	1		
		CV2020	Water Resources Engineering	3		
		CV4012	Project Planning & Management	2		
		EN1001	Environmental Chemistry	3		
		EN2002	Environmental Biology and Microbiology	3		
		EN2003	Water Supply Engineering	3		
		EN2004	Soil Environment and Soil Mechanics	3		
		EN2005	Environmental Health and Safety Management	3		
		EN2711	Environmental Engineering Laboratory A	1		
		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	3		
		EN4001	Environmental Impact Analysis & Monitoring	3		
		EN4003	Environmental Systems Analysis	2		
		EN4711	Seminars & Site Visits	1		
		EN4911	Final Year Project	8		
		EN4912	Integrated Design	3		
		EG1001	Engineers in Society	2		
		MH1820	Intro to Probability & Statistics Inference	3		
			BDE	HE1001		Microeconomic I
	HE1002	Macroeconomic I		3		
	HE2001	Microeconomic II		3		
	HE2002	Macroeconomic II		3		
HE2003	Econometrics I	3				
HExxxx	Economics PE Course 1	3				
	Major PE	EN4xxx	Core Elective 1	3	3 AUs	
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			
CV3920/ CV3910		Professional Internship / Professional Attachment	10 /5			
Total AUs					136/137 AUs	

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