

EEEC CGPA Computation
BEng (Electrical and Electronic Engineering) and BSocSci (Economics)
(wef AY2025/2026 Intake onwards)

	LIST OF COURSES THAT CONTRIBUTE TOWARDS B.SocSci (ECONOMICS)		AU LOAD	
CORE	HE1001	MICROECONOMICS I	3	32 AUS
	HE1002	MACROECONOMICS 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	
	EE4080	FINAL YEAR PROJECT	8	
MAJOR PE	MH1820	INTRODUCTION TO PROBABILITY & STATISTICAL METHODS	3	33 AUS
	HE3XXX	ECONS PRESCRIBED ELECTIVE 1	3	
	HE3XXX	ECONS PRESCRIBED ELECTIVE 2	3	
	HE3XXX	ECONS PRESCRIBED ELECTIVE 3	3	
	HE3XXX	ECONS PRESCRIBED ELECTIVE 4	3	
	HE3XXX	ECONS PRESCRIBED ELECTIVE 5	3	
	HE3XXX	ECONS PRESCRIBED ELECTIVE 6	3	
	HE4XXX	ECONS PRESCRIBED ELECTIVE 7	4	
	HE4XXX	ECONS PRESCRIBED ELECTIVE 8	4	
	HE4XXX	ECONS PRESCRIBED ELECTIVE 9	4	
ICC COMMON CORE	CC0001	INQUIRY AND COMMUNICATION IN AN INTER-DISCIPLINARY WORLD	2	14 AUS
	CC0003	ETHICS & CIVICS IN A MULTI-CULTURAL WORLD	2	
	CC0015	HEALTH & WELLBEING	2	
	CC0006	SUSTAINABILITY: SOCIETY, ECONOMY & ENVIRONMENT	3	
	ML0004	CAREER DESIGN & WORKPLACE READINESS IN THE V.U.C.A WORLD	2	
	CC0007	SCIENCE & TECHNOLOGY FOR HUMANITY	3	
ICC-PROFESSIONAL SERIES	IE0005	INTRO TO DATA SCIENCE AND ARTIFICIAL INTELLIGENCE	3	11 AUs (PA) 16 AUs (PI)
	EE3910/ EE3920	PROFESSIONAL ATTACHMENT / PROFESSIONAL INTERNSHIP	5/ 10	
	HW0288	ENGINEERING COMMUNICATION II	2	
	MLXXXX	PROFESSION PREPARATION	1	
ICC - CARE, SERVE, LEARN (CSL)		SERVICE LEARNING	3	3
BROADENING & DEEPENING ELECTIVES	MH1810	MATHEMATICS 1	3	9 AUS 9 AUs from Year 1 graded Core courses that yield the highest CGPA.
	MH1811	MATHEMATICS 2	3	
	PH1011	PHYSICS **	3	
	FE1073	AN INTRODUCTION TO ENGINEERING & PRACTICES	1	
	EG1001	ENGINEERS IN SOCIETY	2	
	EE1071	EEE LABORATORY 1	1	
	EE1102	PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGRG	3	
	IE1005	FROM COMPUTATIONAL THINKING TO PROGRAMMING	3	18 AUs (PI) + 5 AUs (PA) 18 AUs from graded Year 2 & 3 EEE courses that yield the highest CGPA.
	EE2101	CIRCUIT ANALYSIS	3	
	EE2102	ANALOG ELECTRONICS	3	
	EE2103	SEMICONDUCTOR FUNDAMENTALS	3	
	IE2104	DIGITAL ELECTRONICS	3	
	EE2005	ELECTRICAL DEVICES & MACHINES	3	
	IE2106	ENGINEERING MATHEMATICS I	3	
	IE2107	ENGINEERING MATHEMATICS II	3	
	IE2108	DATA STRUCTURES AND ALGORITHMS	3	
	IE2110	SIGNALS AND SYSTEMS	3	
	EE2073	INTRODUCTION TO EEE DESIGN AND PROJECT	2	
	EE3101	ENGINEERING ELECTROMAGNETICS	3	
	EE3180	DESIGN AND INNOVATION PROJECT	3	
TOTAL				125AUs

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