

**IEEC CGPA Computation**
**BEng (Information Engineering and Media) and BSocSci (Economics)**
*(wef AY2025/2026 Intake onwards)*

DISCIPLINE REQUIREMENT	COURSES	AU LOAD		
	HE1001 MICROECONOMICS I	3	32	
	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 III	3		
	IM4080 FINAL YEAR PROJECT	8		
MAJOR PRESCRIBED ELECTIVES	MH1820 INTRO TO PROBABILITY & STATISTICAL METHODS	3	33	
	ECONOMICS ELECTIVE	3		
	ECONOMICS ELECTIVE	3		
	ECONOMICS ELECTIVE	3		
	ECONOMICS ELECTIVE	3		
	ECONOMICS ELECTIVE	3		
	ECONOMICS ELECTIVE	3		
	ECONOMICS ELECTIVE	4		
	ECONOMICS ELECTIVE	4		
	ECONOMICS ELECTIVE	4		
ICC-COMMON CORE	CC0001 INQUIRY AND COMM. IN AN INTERDISCIP. WORLD	2	14	
	CC0003 ETHICS & CIVICS IN A MULTICULTURAL WORLD	2		
	CC0015 HEALTH & WELLBEING	2		
	CC0006 SUSTAINABILITY: SOCIETY, ECONOMY & ENVIRONMENT	3		
	CC0007 SCIENCE & TECHNOLOGY FOR HUMANITY	3		
	ML0004 CAREER DESIGN & WORKPLACE READINESS IN THE V.U.C.A WORLD	2		
ICC-PROFESSIONAL SERIES	HW0288 ENGINEERING COMMUNICATION	2	16 (PI) 11 (PA)	
	IE0005 INT. TO DATA SCIENCE & ARTIFICIAL INTELLIGENCE	3		
	MLXXXX PROFESSION PREPARATION	1		
	IM3920/IM3910 PROFESSIONAL INTERNSHIP/ATTACHMENT	10		
ICC - CARE, SERVE, LEARN (CSL)	SERVICE LEARNING	3	3	
BROADENING & DEEPENING ELECTIVES	MH1810 MATHEMATICS 1	3	9 (9 AUs from Year 1 Engineering graded Core courses that yield the highest CGPA.)	
	MH1811 MATHEMATICS 2	3		
	PH1011 PHYSICS	3		
	DA1000 THINKING & COMMUNICATING VISUALLY I	3		
	EG1001 ENGINEERS IN SOCIETY	2		
	IE1005 FROM COMPUTATIONAL THINKING TO PROGRAM.	3		
	IM1002 ANALOG ELECTRONICS	3		
	IM1003 OBJECT-ORIENTED PROGRAMMING	3		
	DA2002 THINKING AND COMMUNICATING VISUALLY II	3	18 (Remaining 18 AUs from Year 2 and 3 Engrg graded courses that yield the highest CGPA + 5AU (PA only))	
	DA3000 THINKING AND COMMUNICATING VISUALLY III	3		
	IE2104 DIGITAL ELECTRONICS	3		
	IE2106 ENGINEERING MATHEMATICS I	3		
	IE2107 ENGINEERING MATHEMATICS II	3		
	IE2108 DATA STRUCTURE AND ALGORITHM	3		
	IE2110 SIGNALS AND SYSTEMS	3		
	IM2073 INTRO TO DESIGN AND PROJECT	2		
	IM3180 DESIGN & INNOVATION PROJECT	3		
	IE3012 COMMUNICATION PRINCIPLES	3		
	IE3017 COMPUTER COMMUNICATIONS	3		
	IE4001 SOFTWARE ENGINEERING	3		
	IE4758 INFORMATION SECURITY	3		
				125

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