

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

DISCIPLINE REQUIREMENT	COURSES	AU LOAD	
CORE COURSES	DA1000 THINKING & COMMUNICATING VISUALLY I	3	87/88*
	DA2002 THINKING AND COMMUNICATING VISUALLY II	3	
	DA3000 THINKING AND COMMUNICATING VISUALLY III	3	
	EG1001 ENGINEERS IN SOCIETY	2	
	IE1005 FROM COMPUTATIONAL THINKING TO PROGRAM.	3	
	IE2017 ENGINEERING MATHEMATICS II	3	
	IE2104 DIGITAL ELECTRONICS	3	
	IE2106 ENGINEERING MATHEMATICS I	3	
	IE2108 DATA STRUCTURE AND ALGORITHM	3	
	IE2110 SIGNALS AND SYSTEMS	3	
	IE3012 COMMUNICATION PRINCIPLES	3	
	IE3017 COMPUTER COMMUNICATIONS	3	
	IE4001 SOFTWARE ENGINEERING	3	
	IE4758 INFORMATION SECURITY	3	
	IM1002 ANALOG ELECTRONICS	3	
	IM1003 OBJECT-ORIENTED PROGRAMMING	3	
	IM2073 INTRO TO DESIGN AND PROJECT	2	
	IM3180 DESIGN & INNOVATION PROJECT	3	
	IM4080 FINAL YEAR PROJECT	8	
	MH1810 MATHEMATICS 1	3	
	MH1811 MATHEMATICS 2	3	
	PH1011 PHYSICS *	3	
MAJOR PRESCRIBED ELECTIVES	THIRD-YEAR TECHNICAL ELECTIVE	3	
	FINAL YEAR MAJOR PRESCRIBED ELECTIVE	3	
	FINAL YEAR MAJOR PRESCRIBED ELECTIVE	3	
	FINAL YEAR MAJOR PRESCRIBED ELECTIVE	3	
	FINAL YEAR MAJOR PRESCRIBED ELECTIVE	3	
	FINAL YEAR MAJOR PRESCRIBED ELECTIVE	3	
ICC-COMMON CORE	CC0001 INQUIRY AND COMMUNICATION IN AN INTER-DISCIPLINARY WORLD	2	14
	CC0003 ETHICS & CIVICS IN A MULTICULTURAL WORLD	2	
	ML0004 CAREER DESIGN & WORKPLACE READINESS IN THE V.U.C.A WORLD	2	
	CC0015 HEALTH & WELLBEING	2	
	CC0006 SUSTAINABILITY: SOCIETY, ECONOMY & ENVIRONMENT	3	
	CC0007 SCIENCE & TECHNOLOGY FOR HUMANITY	3	
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	HE1001 MICROECONOMICS I	3	18 AUs (PI) + 5 AUs (PA) (15 AUs from compulsory Year 1 & 2 ECON courses. Remaining 3 AUs from Year 3 & 4 ECON courses that yield the highest CGPA)
	HE1002 MACROECONOMICS I	3	
	HE2001 MICROECONOMICS II	3	
	HE2002 MACROECONOMICS II	3	
	HE2003 ECONOMETRICS I	3	
	ECONOMICS ELECTIVE	3	
			138/139*

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