EEEC CGPA Computation

BEng (Electrical and Electronic Engineering) and BSocSci (Economics)

(wef AY2021/2022 Intake onwards)

LIST OF COURSES THAT CONTRIBUTE TOWARDS B.SocSci (ECONOMICS)				AU LOAD	
DISCIPLINE REQUIREMENT	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	
	COMMON CORE	CC0001	INQUIRY AND COMMUNICATION IN THE INTER-DISCIPLINARY WORLD	2	17 AUs
		CC0002	NAVIGATING THE DIGITAL WORLD	2	
		CC0003	ETHICS & CIVICS IN A MULTICULTURAL WORLD	2	
		CC0007	HEALTHY LIVING & MENTAL WELLBEING	3	
		CC0006	SUSTAINABILITY: SOCIETY, ECONOMY & ENVIRONMENT	3	
		ML0004	CAREER & ENTREPRENEURIAL DEVELOPMENT FOR THE FUTURE WORLD	2	
		CC0005	SCIENCE & TECHNOLOGY FOR HUMANITY	3	
	FOUNDATION CORE	IE0005	INTRO TO DATA SCIENCE AND ARTIFICIAL INTELLIGENCE	3	10 AUs (PA) 15 AUs (PI)
		EE3276/^ EE3279 ^	PROFESSIONAL ATTACHMENT / PROFESSIONAL INTERNSHIP	5/ 10	
		HW0288	ENGINEERING COMMUNICATION II	2	
	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	
		EE1102	PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGRG	3	
		IE1005	FROM COMPUTATIONAL THINKING TO PROGRAMMING	3	
		EE2101	CIRCUIT ANALYSIS	3	21 AUs (PI) + 5 AUs (PA) 21 AUs from graded Year 2 & 3 EEE courses that yield the highest CGPA.
		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	127 AUs

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

^ Students from U23 intake onwards will do EE3920 Professional Internship or EE3910 Professional Attachment instead

IEEC CGPA Computation

BEng (Information Engineering and Media) and BSocSci (Economics)

(wef AY2021/2022 Intake onwards)

List of courses that contribute towards B.SocSci (ECONOMICS)					AU Load
DISCIPLINE REQUIREMENT	CORE	HE1001	MICROECONOMICS I	3	32 AU
		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	
		IM4080	FINAL YEAR PROJECT	8	
	COMPULSORY PE	MH1820	INTRODUCTION TO PROBABILITY AND STATISTICAL METHODS	3	33 AU
	MAJOR PE	HEXXXX	ECONOMICS COURSE 1	3	
		HEXXXX	ECONOMICS COURSE 2	3	
		HEXXXX	ECONOMICS COURSE 3	3	
		HEXXXX	ECONOMICS COURSE 4	3	
		HEXXXX	ECONOMICS COURSE 5	3	
		HEXXXX	ECONOMICS COURSE 6	3	
		HEXXXX	ECONOMICS COURSE 7	4	
		HEXXXX	ECONOMICS COURSE 8	4	
		HEXXXX	ECONOMICS COURSE 9	4	
	COMMON CORE	CC0001	INQUIRY AND COMMUNICATION IN THE INTER-DISCIPLINARY WORLD	2	17 AU
		CC0002	NAVIGATING THE DIGITAL WORLD	2	
		CC0003	ETHICS & CIVICS IN A MULTICULTURAL WORLD	2	
		CC0007	HEALTHY LIVING & MENTAL WELLBEING	3	
		CC0006	SUSTAINABILITY: SOCIETY, ECONOMY & ENVIRONMENT	3	
		ML0004	CAREER & ENTREPRENEURIAL DEVELOPMENT FOR THE FUTURE WORLD	2	
		CC0005	SCIENCE & TECHNOLOGY FOR HUMANITY	3	
	FOUNDATION CORE	IE0005	INT. TO DATA SCIENCE & ARTIFICIAL INTELLIGENCE	3	10 AU (PA) 15 AU (PI)
		IM3276/ ^	PROFESSIONAL ATTACHMENT /	5/	
		IM3279 ^	PROFESSIONAL INTERNSHIP	10	
		HW0288	ENGINEERING COMMUNICATION	2	
	BROADENING & DEEPENING ELECTIVES	MH1810	MATHEMATICS 1	3	9AU 9AU from Year 1 Engineering graded Core courses that yield the highest CGPA.
		MH1811	MATHEMATICS 2	3	
		PH1011	PHYSICS **	3	
		IE2108	DATA STRUCTURE AND ALGORITHM	3	
		IM1002	ANALOG ELECTRONICS	3	
		IM1003	OBJECT-ORIENTED PROGRAMMING	3	
		IE2104	IM1004 DIGITAL ELECTRONICS	3	
		EG1001	ENGINEERS IN SOCIETY	2	21AU Remaining 21AU from Year 2 and 3 Engineering graded courses that yield the highest CGPA.
		IE1005	FROM COMPUTATIONAL THINKING TO PROGRAM	3	
		IE4001	SOFTWARE ENGINEERING	3	
		IE3017	COMPUTER COMMUNICATIONS	3	
		IE2110	SIGNALS AND SYSTEMS	3	
		IE2106	ENGINEERING MATHEMATICS I	3	
		IE2107	ENGINEERING MATHEMATICS II	3	

		IM2073	INTRODUCTION TO DESIGN & PROJECT	2	+ 5AU (PA only)
		IM3180	DESIGN & INNOVATION PROJECT	3	
		DA1000	THINKING AND COMMUNICATING VISUALLY I	3	
		DA2002	THINKING AND COMMUNICATING VISUALLY II	3	
		DA3000	THINKING AND COMMUNICATING VISUALLY III	3	
				TOTAL	127 AU

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

^ Students from U23 intake onwards will do EE3920 Professional Internship or EE3910 Professional Attachment instead