

**AY2021-22 EEE CGPA Computation**

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	EE0005	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 H	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	
EE1002		PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGRG	3		
EE1005		FROM COMPUTATIONAL THINKING TO PROGRAMMING	3		
EE2001		CIRCUIT ANALYSIS	3	21 AUs (PI) + 5 AUs (PA)  21 AUs from graded Year 2 & 3 EEE courses that yield the highest CGPA.	
EE2002		ANALOG ELECTRONICS	3		
EE2003		SEMICONDUCTOR FUNDAMENTALS	3		
EE2004		DIGITAL ELECTRONICS	3		
EE2005		ELECTRICAL DEVICES & MACHINES	3		
EE2006		ENGINEERING MATHEMATICS I	3		
EE2007		ENGINEERING MATHEMATICS II	3		
EE2008		DATA STRUCTURES AND ALGORITHMS	3		
EE2010		SIGNALS AND SYSTEMS	3		
EE2073		INTRODUCTION TO EEE DESIGN AND PROJECT	2		
EE3001	ENGINEERING ELECTROMAGNETICS	3			
EE3080	DESIGN AND INNOVATION PROJECT	3			
<b>TOTAL</b>				<b>127 AUs</b>	

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

**AY2021-22 IEEC CGPA Computation**

List of courses that contribute towards B.SocSci (ECONOMICS)				AU Load	
<b>DISCIPLINE REQUIREMENT</b>	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	HEXXX	ECONOMICS COURSE 1	3	
		HEXXX	ECONOMICS COURSE 2	3	
		HEXXX	ECONOMICS COURSE 3	3	
		HEXXX	ECONOMICS COURSE 4	3	
		HEXXX	ECONOMICS COURSE 5	3	
		HEXXX	ECONOMICS COURSE 6	3	
		HEXXX	ECONOMICS COURSE 7	4	
		HEXXX	ECONOMICS COURSE 8	4	
		HEXXX	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	EE0005	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		
	IM1001	DATA STRUCTURE AND ALGORITHM	3		
	IM1002	ANALOG ELECTRONICS	3		
	IM1003	OBJECT-ORIENTED PROGRAMMING	3		
	IM1004	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.  + 5AU (PA only)	
	EE1005	FROM COMPUTATIONAL THINKING TO PROGRAM	3		
	IM2001	SOFTWARE ENGINEERING	3		
	IM2003	COMPUTER COMMUNICATIONS	3		
	IM2004	SIGNALS AND SYSTEMS	3		
	IM2006	ENGINEERING MATHEMATICS I	3		
	IM2007	ENGINEERING MATHEMATICS II	3		
IM2073	INTRODUCTION TO DESIGN & PROJECT	2			

List of courses that contribute towards B.SocSci (ECONOMICS)				AU Load	
		IM3080	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)