B.ENG (ELECTRICAL & ELECTRONIC ENGINEERING) AND BSOCSCI (ECONOMICS) (AY2020 Cohort)

LIST OF COURSES THAT CONTRIBUTE TOWARDS BSOCSCI (ECONOMICS)					AU LOAD
DISCIPLINE REQUIREMENT	CORE	HE1001	MICROECONOMIC PRINCIPLES	3	33 AUS
		HE1002	MACROECONOMIC PRINCIPLES	3	
		HE1005	INTRO TO PROBABILITY & STATISTICAL INFERENCE	3	
		HE2001	INTERMEDIATE MICROECONOMICS	3	
		HE2002	INTERMEDIATE MACROECONOMICS	3	
		HE2005	PRINCIPLES OF ECONOMETRICS	3	
		HE3021	INTERMEDIATE ECONOMETRICS	3	
		HE4010	SINGAPORE ECONOMY IN A GLOBALIZED WORLD	4	
		EE4080	FINAL YEAR PROJECT	8	
	MAJOR PE	HEXXXX	ECONS PRESCRIBED ELECTIVE 1	3	39 AUS
		HEXXXX	ECONS PRESCRIBED ELECTIVE 2	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 3	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 4	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 5	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 6	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 7	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 8	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 9	3	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 10	4	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 11	4	
		HEXXXX	ECONS PRESCRIBED ELECTIVE 12	4	
	UE	MH1810	MATHEMATICS 1	3	20 AUS
		MH1811	MATHEMATICS 2	3	
		PH1011	PHYSICS **	3	
		FE1073	AN INTRODUCTION TO ENGINEERING & PRACTICES	1	
		EE1002	PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGRG	4	
		-	ENGINEERING FUNDAMENTAL COURSE	3	
		EE1005	FROM COMPUTATIONAL THINKING TO PROGRAMMING	3	
		EE1071	EEE LABORATORY 1	1	19 AUS From Year 1, 2 & 3 Engineering courses that yield the highest CGPA
		EE2001	CIRCUIT ANALYSIS	4	
		EE2002	ANALOG ELECTRONICS	4	
		EE2003	SEMICONDUCTOR FUNDAMENTALS	4	
		EE2004	DIGITAL ELECTRONICS	4	
		EE2005	ELECTRICAL DEVICES & MACHINES	3	
		EE2006	ENGINEERING MATHEMATICS I	4	
		EE2007	ENGINEERING MATHEMATICS II	4	
		EE2008	DATA STRUCTURES AND ALGORITHMS	4	
		EE2010	SIGNALS AND SYSTEMS	4	
		EE2073	INTRODUCTION TO EEE DESIGN AND PROJECT	2	
		EE3001	ENGINEERING ELECTROMAGNETICS	4	
		EE3080	DESIGN AND INNOVATION PROJECT	2	
GENERAL EDUCATION REQUIREMENTS (GER)	GER (CORE)	EG0001	ENGINEERS AND SOCIETY	3	14 AUS
		EE0005	INTRO TO DATA SCIENCE AND ARTIFICIAL INTELLIGENCE	3	
		GC0001	SUSTAINABILITY: SEEING THROUGH THE HAZE	2	
		HY0001	ETHICS AND MORAL REASONING	2	
		ET0001	ENTERPRISE AND INNOVATION	1	
		HW0188	EFFECTIVE COMMUNICATION	1	
		HW0288	ENGINEERING COMMUNICATION	1	
		ML0003	KICKSTART YOUR CAREER SUCCESS	1	
				TOTAL	125 AUS

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

BEng (INFORMATION ENGINEERING & MEDIA) AND BSOCSCI (ECONOMICS) *(wef AY2020)*

List of courses that contribute towards BSocSci (Econs)					AU Load
Discipline Requirement	**Core**	HE1001	Microeconomic Principles	3	**33 AUs**
		HE1002	Macroeconomic Principles	3	
		HE1005	Intro to Probability & Statistical Inference	3	
		HE2001	Intermediate Microeconomics	3	
		HE2002	Intermediate Macroeconomics	3	
		HE2005	Principles of Econometrics	3	
		HE3021	Intermediate Econometrics	3	
		HE4010	Singapore Economy in a Globalized World	4	
		IM4080	Final Year Project	8	
	Major PE	HExxxx	Econs PE1	3	**39 AUs**
		HExxxx	Econs PE2	3	
		HExxxx	Econs PE3	3	
		HExxxx	Econs PE4	3	
		HExxxx	Econs PE5	3	
		HExxxx	Econs PE6	3	
		HExxxx	Econs PE7	3	
		HExxxx	Econs PE8	3	
		HExxxx	Econs PE9	3	
		HExxxx	Econs PE10	4	
		HExxxx	Econs PE11	4	
		HExxxx	Econs PE12	4	
	UE	MH1810	Mathematics 1	3	**32 AUs**
		MH1811	Mathematics 2	3	
		EE1005	From Computational Thinking To Programming	3	
		PH1011	Physics **	3	
		DA1000	Thinking and Communicating Visually I	3	
		IM1001	Data Structures and Algorithms	4	
		IM1002	Analog Electronics	3	
		IM1003	Object-Oriented Programming	3	
		IM1004	Digital Electronics	4	
		XXXXXX	Engineering Fundamental	3	
		DA2002	Thinking and Communicating Visually II	3	**6 AUs from 2nd and 3rd Year Engineering courses that yield the highest CGPA**
		DA3000	Thinking and Communicating Visually III	3	
		IM2001	Software Engineering	3	
		IM2002	Microprocessors	4	
		IM2003	Computer Communications	3	
		IM2004	Signals and Systems	4	
		IM2006	Engineering Mathematics I	4	
		IM2007	Engineering Mathematics II	4	
		IM2073	Introduction to Design and Project	2	
		IM3001	Digital Signal Processing	3	
		IM3002	Communication Principles	3	
		IM3003	Information Security	3	
		IM3080	Design and Innovation Project	2	
General Education Requirements (GER)	**GER (Core)**	ML0003	Kickstart Your Career Success	1	**15 AU**
		EE0005	Intro To Data Science & AI	3	
		GC0001	Introduction to Sustainability	1	
		HY0001	Ethics and Moral Reasoning	1	
		ET0001	Entrepreneurship and Innovation	1	
		CS0205	Basic Media Writing (SCI)	3	
		EG0001	Engineers and Society	3	
		HW0288	Engineering Communication	2	
				TOTAL	**125 AUs**