

BEng (ELECTRICAL & ELECTRONIC ENGINEERING) AND BA (ECONOMICS)

(wef AY2016)

LIST OF COURSES THAT CONTRIBUTE TOWARDS BA(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	
		EE4080	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	20 AUS
		MH1811	MATHEMATICS 2	3	
		FE1008	COMPUTING	3	
		PH1011	PHYSICS **	3	
		FE1073	AN INTRODUCTION TO ENGINEERING & PRACTICES	1	
		EE1002	PHYSICS FOUNDATION FOR ELECTRICAL & ELECTRONIC ENGINEERING	4	
		EE1003	INTRODUCTION TO MATERIALS FOR ELECTRONICS	3	
		EE1071	EEE LABORATORY 1	1	22 AUS From 1 st to 3 rd year Engineering courses that yield the highest CGPA
		EE2001	CIRCUIT ANALYSIS	4	
		EE2002	ANALOG ELECTRONICS	4	
		EE2003	SEMICONDUCTOR FUNDAMENTALS	4	
		EE2004	DIGITAL ELECTRONICS	4	
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		
EE3002		MICROPROCESSORS	4		
EE3080		DESIGN AND INNOVATION PROJECT	2		
GENERAL EDUCATION REQUIREMENTS (GER)		GER (CORE)	EE0040	ENGINEERS AND SOCIETY	
	GC0001		INTRODUCTION TO SUSTAINABILITY	1	
	HY0001		ETHICS AND MORAL REASONING	1	
	ET0001		ENTERPRISE AND INNOVATION	1	
	HW0188		ENGINEERING COMMUNICATION I	2	
	HW0288		ENGINEERING COMMUNICATION II	2	
	ML0001		ABSOLUTE BASICS FOR CAREER	1	
	ML0002		CAREER POWER-UP	1	
TOTAL				126 AU	

BEng (INFORMATION ENGINEERING & MEDIA) AND BA (ECONOMICS) (wef AY2016)

List of courses that contribute towards BA(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	29 AUs
		MH1811	Mathematics 2	3	
		FE1008	Computing	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	
		DA2002	Thinking and Communicating Visually II	3	9 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)	ML0001	Absolute Basics for Career	1	16 AUs
		ML0002	Career Power Up!	1	
		GC0001	Introduction to Sustainability	1	
		HY0001	Ethics and Moral Reasoning	1	
		ET0001	Entrepreneurship and Innovation	1	
		CS0204	Basic Media Writing (SCI)	3	
		CS2006	Theories of Visual Communication and Their Applications (SCI)	3	
		IM0040	Engineers and Society	3	
		HW0288	Engineering Communication II	2	
		TOTAL			