

BEng (Computer 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			
		CE4079	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	MH1812	Discrete Mathematics	3	23 AUs		
		CE1011	Engineering Mathematics I	3			
		CE1012	Engineering Mathematics II	3			
		CE1003	Introduction to Computational Thinking	3			
		CE1004	Inventions and Innovations in Computing	2			
		CE1005	Digital Logic	3			
		CE1006	Computer Organisation and Architecture	3			
		CE1007	Data Structures	3			
		CE2001	Algorithms	3	19 AUs from 2nd and 3rd Year Engineering courses that yield the highest CGPA		
		CE2002	Object Oriented Design & Programming	3			
		CE2003	Digital Systems Design	3			
		CE2004	Circuits and Signal Analysis	3			
CE2005		Operating Systems	3				
CE2006		Software Engineering	3				
CE2007		Microprocessor-based Systems Design	3				
CE3001		Advanced Computer Architecture	3				
CE3002		Sensors and Control Systems	3				
CE3003		Microcontroller Programming	3				
CE3005		Computer Networks	3				
CE3006		Digital Communications	3				
CE3007		Digital Signal Processing	3				
CE3004		Multidisciplinary Design Project	4				
General Education Requirements (GER)		GER (Core)	HW0188	Engineering Communication I		2	12 AUs
			HW0288	Engineering Communication II		2	
	ML0001		Absolute Basics for Career	1			
	ML0002		Career Power Up!	1			
	GC0001		Introduction to Sustainability	1			
	HY0001		Ethics and Moral Reasoning	1			
	ET0001		Entrepreneurship and Innovation	1			
	CE0001		Engineers and Society	3			
TOTAL				126 AUs			

BEng (Computer Science) 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				
		CZ4079	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	MH1812	Discrete Mathematics	3	23 AUs			
			CZ1011	Engineering Mathematics I		3		
			CZ1012	Engineering Mathematics II		3		
			CZ1003	Introduction to Computational Thinking		3		
			CZ1004	Inventions and Innovations in Computing		2		
			CZ1005	Digital Logic		3		
			CZ1006	Computer Organisation and Architecture		3		
		CZ1007	Data Structures	3				
		CZ2001	Algorithms	3	19 AUs from 2 nd and 3 rd Year Engineering courses that yield the highest CGPA			
			CZ2002	Object Oriented Design & Programming		3		
			CZ2003	Computer Graphics and Visualisation		3		
			CZ2004	Human Computer Interaction		3		
			CZ2005	Operating Systems		3		
			CZ2006	Software Engineering		3		
			CZ2007	Database Systems		3		
			CZ3001	Advanced Computer Architecture		3		
CZ3002			Advanced Software Engineering	3				
CZ3003			Software Systems Analysis and Design	3				
CZ3005			Artificial Intelligence	3				
CZ3006			Net Centric Computing	3				
CZ3007			Compiler Techniques	3				
CZ3004			Multidisciplinary Design Project	4				
General Education Requirements (GER)			GER (Core)	HW0188		Engineering Communication I	2	12 AUs
				HW0288		Engineering Communication II	2	
				ML0001		Absolute Basics for Career	1	
		ML0002		Career Power Up!	1			
		GC0001		Introduction to Sustainability	1			
	HY0001	Ethics and Moral Reasoning		1				
	ET0001	Entrepreneurship and Innovation		1				
	CZ0001	Engineers and Society		3				
TOTAL				126 AUs				