

BEng (Civil Engineering) and BA (Economics) (Students admitted from AY2019/2020)

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	
		CV4911	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	PH1011	Physics**	3	24 AUs
		MH1810	Mathematics 1	3	
		MH1811	Mathematics 2	3	
		FE1073	Introduction to Engineering & Practices	1	
		CV1011	Mechanics of Materials	4	
		CV1012	Fluid Mechanics	3	
		CV1013	Civil Engineering Materials	3	
		CV1014	Introduction to Computational Thinking	3	
		CV1711	Civil Engineering Drawing	1	
		CV2011	Structural Analysis I	3	Remaining 13 AUs from 2 nd and 3 rd Year Engineering courses that yield the highest CGPA
		CV2012	Structural Analysis II	3	
		CV2013	Engineering Geology & Soil Mechanics	3	
CV2014		Geotechnical Engineering	3		
CV2015		Hydraulics	3		
CV2016		Hydrology	3		
MH2814		Probability & Statistics	3		
CV2019		Matrix Algebra & Computational Methods	3		
CV2711		Civil Engineering Laboratory A	1		
CV3011		Reinforced Concrete Design	3		
CV3012		Steel Design	3		
CV3013		Foundation Engineering	3		
CV3014		Transportation Engineering	3		
CV3015		Environmental Engineering	3		
CV3016		Construction Technology & Processes	3		
General Education Requirements (GER)	GER (Core)	CV0001	Civil Engineering and Sustainable Built Environment	3	16 AU
		EG0001	Engineers and Society	3	
		CV0003	Intro to Data Sc. and Artificial Intelligence	3	
		HW0188	Engineering Communication I	2	
		HW0288	Engineering Communication II	2	
		ML0003	Kickstart your Career Success	1	
		HY0001	Ethics and Moral Reasoning	1	
		ET0001	Entrepreneurship and Innovation	1	
TOTAL				125 AU	

BEng (Environmental Engineering) and BA (Economics) (Students admitted from AY2019/2020)

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				
		EN4911	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				
	Discipline Requirement	UE	PH1011	Physics**	3	24 AUs		
			MH1810	Mathematics 1	3			
			MH1811	Mathematics 2	3			
			FE1073	Introduction to Engineering & Practices	1			
			CV1011	Mechanics of Materials	4			
			CV1012	Fluid Mechanics	3			
			CV1014	Introduction to Computational Thinking	3			
			CV1711	Civil Engineering Drawing	1			
			EN1001	Environmental Chemistry	3			
				CV2011	Structural Analysis I	3	Remaining 13 AUs from 2 nd and 3 rd Year Engineering courses that yield the highest CGPA	
				CV2013	Engineering Geology & Soil Mechanics	3		
				CV2015	Hydraulics	3		
			CV2016	Hydrology	3			
			MH2814	Probability & Statistics	3			
			CV2019	Matrix Algebra & Computational Methods	3			
			CV3016	Construction Technology & Processes	3			
			EN2001	Environmental Issues in a Changing World	3			
			EN2002	Environmental Biology and Microbiology	3			
			EN2003	Water Supply Engineering	3			
			EN2711	Environmental Engineering Laboratory A	1			
			EN3001	Solid & Hazardous Waste Management	3			
			EN3002	Wastewater Engineering	3			
			EN3003	Environmental Transport Processes	3			
			EN3004	Air Pollution Control Engineering	3			
General Education Requirements (GER)			GER (Core)	EG0001	Engineers and Society	3		16 AUs
				CV0003	Intro to Data Sc. and Artificial Intelligence	3		
				EN0001	Environmental Sustainability	3		
	HW0188	Engineering Communication I		2				
	HW0288	Engineering Communication II		2				
	ML0003	Kickstart your Career Success		1				
	HY0001	Ethics and Moral Reasoning		1				
	ET0001	Entrepreneurship and Innovation		1				
TOTAL				125 AU				