

**BEng (Civil Engineering) and BA (Economics) (wef AY2016/2017)**

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	PH1011	Physics**	3	24 AUs
			MH1810	Mathematics 1	3	
			MH1811	Mathematics 2	3	
			FE1008	Computing	3	
			FE1073	Introduction to Engineering & Practices	1	
			CV1011	Mechanics of Materials	4	
			CV1012	Fluid Mechanics	3	
			CV1013	Civil Engineering Materials	3	
			CV1711	Civil Engineering Drawing	1	
		CV2011	CV2011	Structural Analysis I	3	Remaining 15 AUs from 2 <sup>nd</sup> and 3 <sup>rd</sup> 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		
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)	CV0002	Engineers and Society	
	HW0188	Engineering Communication I		2		
	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			
GER (PE)	CV0001	Civil Engineering and Sustainable Built Environment	3	3 AU		
<b>TOTAL</b>				<b>126 AU</b>		

**BEng (Environmental Engineering) and BA (Economics) (wef AY2016/2017)**

List of courses that contribute towards BA(Econs)				AU Load		
<b>Discipline Requirement</b>	<b>Core</b>	HE1001	Microeconomic Principles	3	<b>33 AUs</b>	
		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		
		<b>Major PE</b>	HExxxx	Econs PE1	3	<b>39 AUs</b>
			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	
		<b>UE</b>	PH1011	Physics**	3	<b>24 AUs</b>
			MH1810	Mathematics 1	3	
			MH1811	Mathematics 2	3	
			FE1008	Computing	3	
			FE1073	Introduction to Engineering & Practices	1	
			CV1011	Mechanics of Materials	4	
			CV1012	Fluid Mechanics	3	
			CV1711	Civil Engineering Drawing	1	
			EN1001	Environmental Chemistry	3	
			CV2011	Structural Analysis I	3	<b>Remaining 15 AUs from 2<sup>nd</sup> and 3<sup>rd</sup> Year Engineering courses that yield the highest CGPA</b>
			CV2013	Engineering Geology & Soil Mechanics	3	
			CV2015	Hydraulics	3	
		CV2016	Hydrology	3		
		MH2814	Probability & Statistics	3		
		CV2019	Matrix Algebra & Computational Methods	3		
		EN2001	Environmental Issues in a Changing World	3		
		EN2002	Environmental Biology and Microbiology	3		
		EN2003	Water Supply Engineering	3		
		EN3001	Solid & Hazardous Waste Management	3		
		EN3002	Wastewater Engineering	3		
		EN3003	Environmental Transport Processes	3		
		EN3004	Air Pollution Control Engineering	3		
		EN3005	Structural Design	3		
<b>General Education Requirements (GER)</b>	<b>GER (Core)</b>	CV0002	Engineers and Society	3	<b>12 AUs</b>	
		HW0188	Engineering Communication I	2		
		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		
	<b>GER (PE)</b>	EN0001	Environmental Sustainability	3	<b>3 AUs</b>	
				<b>TOTAL</b>	<b>126 AU</b>	