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

Core	List of courses th	at contribute	towards BA	(Econs)		AU Load
HE1005					3	
HE1005			HE1002	Macroeconomic Principles	3	
HE2001 Intermediate Microeconomics 3 3 3 3 3 3 3 3 3				·		
HE2002 Intermediate Macroeconomics 3 33 AUS HE2005 HE3021 Intermediate Econometrics 3 3 33 AUS HE3021 HE4010 Singapore Econometrics 3 3 3 3 3 3 3 3 3				■		
HEZDOS Principles of Econometrics 3 183 AUS						
HE3021						33 AUs
HE4010 Singapore Economy in a Globalized World 4						
Discipline HExxxx						
Discipline Requirement HExxxx						
HEXXXX		Major DE				
Requirement	Discipling	IVIAJOI PE				
HEXXXX	-					
HEXXXX	Requirement					
HEXXXX						
HEXXXX						
HExxxx						
HExxxx						39 AUs
HExxxx						
HExxxx						
HExxxx						
UE						
MH1810 Mathematics 1 Mathematics 2 3 Mathematics 2 3 Introduction to Engineering & Practices 1 CV1011 Mechanics of Materials 4 24 AUs Fluid Mechanics of Materials 4 CV1012 Fluid Mechanics of Materials 3 CV1013 Civil Engineering Materials 3 CV1014 Introduction to Computational Thinking 3 CV1014 CV2011 Structural Analysis 3 CV2012 Structural Analysis 3 CV2013 Engineering Geology & Soil Mechanics 3 CV2014 Geotechnical Engineering 3 CV2015 Hydraulics 3 CV2016 Hydrology MH2814 CV2019 Matrix Algebra & Computational Methods 3 Engineering CV2711 Civil Engineering Laboratory A 1 CV2019 Matrix Algebra & Computational Methods 3 Engineering CV3011 Reinforced Concrete Design 3 V3 V3 V4 V4 V4 V4 V4			HExxxx		_	
MH1811		UE	PH1011	Physics**	3	
MH1811			MH1810	Mathematics 1	3	
FE1073			MH1811			
CV1011 Mechanics of Materials 4 24 AUS						
CV1012 Fluid Mechanics 3 3 3 3 4 4 5 5 5 5 5 5 5 5						24 AUs
CV1013 Civil Engineering Materials 3 3						
CV1014 Introduction to Computational Thinking CV1711 Civil Engineering Drawing CV2011 Structural Analysis II CV2012 Structural Analysis II CV2013 Engineering Geology & Soil Mechanics CV2014 Geotechnical Engineering CV2015 Hydraulics CV2016 Hydraulics CV2016 Hydraulics CV2019 Matrix Algebra & Computational Methods CV2019 Matrix Algebra & Computational Methods CV2011 Civil Engineering Laboratory A CV3011 Reinforced Concrete Design CV3012 Steel Design CV3013 Foundation Engineering CV3014 Transportation Engineering CV3015 Environmental Engineering CV3015 Environmental Engineering CV3016 Construction Technology & Processes General Education Requirements (GER) GER CV0001 Engineering Communication I HW0188 Engineering Communication I Engineering Communication I Ethics and Moral Reasoning Intro to Data Sc. and Artificial Intelligence Introduction Technology & Engineering Introduction Technology Intro to Data Sc. and Artificial Intelligence Introduction Technology Intro to Data Sc. and Artificial Intelligence Introduction I Engineering Communication I Introduction Introduction I I Introduction Introduction						
CV1711 Civil Engineering Drawing 1						
CV2011 Structural Analysis 3 3 CV2012 Structural Analysis 3 3 CV2013 Engineering Geology & Soil Mechanics 3 CV2014 Geotechnical Engineering 3 AUs from 2 nd Aus				•		
CV2012 Structural Analysis II 3 CV2013 Engineering Geology & Soil Mechanics 3 CV2014 Geotechnical Engineering 3 Remaining 13 CV2015 Hydraulics 3 AUs from 2nd Aus						
CV2013				•	_	
CV2014 Geotechnical Engineering 3 Remaining 13 AUs from 2nd Aus from 2				·		
CV2015 Hydraulics CV2016 Hydrology MH2814 Probability & Statistics CV2019 Matrix Algebra & Computational Methods CV2711 Civil Engineering Laboratory A CV3011 Reinforced Concrete Design CV3012 Steel Design CV3013 Foundation Engineering CV3014 Transportation Engineering CV3015 Environmental Engineering CV3016 Construction Technology & Processes General GER CV0001 Eivil Engineering and Sustainable Built Environment Education Requirements (GER) HW0188 Engineering Communication I HW0288 Engineering Communication I HW0288 Hengineering Communication I Ethics and Moral Reasoning Ethics and Moral Reasoning Ethics and Innovation Requirements (Ethics and Moral Reasoning Ethics and Moral Reasoning Engineering and Innovation Remaining 13 AUs from 2nd and 3rd Year and Aus from 2nd and 3rd Year and Aus from 2nd and 3rd Year and Yell and Yell and Yell and Yell and Y						
CV2016 Hydrology MH2814 Probability & Statistics CV2019 Matrix Algebra & Computational Methods CV2711 Civil Engineering Laboratory A CV3011 Reinforced Concrete Design CV3012 Steel Design CV3013 Foundation Engineering CV3014 Transportation Engineering CV3015 Environmental Engineering CV3016 Construction Technology & Processes General Education Requirements (Core) EG0001 Engineers and Society Requirements (GER) HW0188 Engineering Communication II ML0003 Kickstart your Career Success HY0001 Ethics and Moral Reasoning ET0001 Entrepreneurship and Innovation						Remaining 13
MH2814 Probability & Statistics 3 and 3 rd Year CV2019 Matrix Algebra & Computational Methods 3 Engineering CV2711 Civil Engineering Laboratory A 1 courses that CV3011 Reinforced Concrete Design 3 yield the CV3012 Steel Design 3 highest CGPA CV3013 Foundation Engineering 3 CV3014 Transportation Engineering 3 CV3015 Environmental Engineering 3 CV3016 Construction Technology & Processes 3 CV3016 CV3016 CONSTRUCTION Technology & Processes 3 CV3016				· ·		_
CV2019 Matrix Algebra & Computational Methods CV2711 Civil Engineering Laboratory A CV3011 Reinforced Concrete Design CV3012 Steel Design CV3013 Foundation Engineering CV3014 Transportation Engineering CV3015 Environmental Engineering CV3016 Construction Technology & Processes General Education (Core) GER CV0001 Civil Engineering and Sustainable Built Environment Education Requirements (GER) HW0188 Engineering Communication I HW0288 Engineering Communication II HW0288 Engineering Communication II Ethics and Moral Reasoning Ethics and Moral Reasoning Engineering Communication Interpreneurship and Innovation						
CV2711 Civil Engineering Laboratory A 1 courses that CV3011 Reinforced Concrete Design 3 yield the CV3012 Steel Design 3 highest CGPA CV3013 Foundation Engineering 3 CV3014 Transportation Engineering 3 CV3015 Environmental Engineering 3 CV3016 Construction Technology & Processes 3 CV3016 CV3016 CONSTRUCTION Technology & Processes 3 CV3016 CV						
CV3011 Reinforced Concrete Design 3 yield the CV3012 Steel Design 3 highest CGPA CV3013 Foundation Engineering 3 CV3014 Transportation Engineering 3 CV3015 Environmental Engineering 3 CV3016 Construction Technology & Processes 3 CV3016 Engineering and Sustainable Built Environment 3 CV301 Engineers and Society 3 CV3010 Intro to Data Sc. and Artificial Intelligence 3 CV3010 Intro to Data Sc. and Artificial Intelligence 3 HW0188 Engineering Communication I 2 HW0288 Engineering Communication II 2 HW0288 Engineering Communication II 2 Intro to Data Sc. and Moral Reasoning 1 Ethics and Moral Reasoning 1 Ethics and Moral Reasoning 1 Entrepreneurship and Innovation I 1						
CV3012 Steel Design 3 highest CGPA CV3013 Foundation Engineering 3 3 CV3014 Transportation Engineering 3 3 CV3015 Environmental Engineering 3 3 CV3016 Construction Technology & Processes 3 3 CV3016 Construction Technology & Processes 3 3 CV3016 Construction Technology & Processes 3 CV3016 Engineering and Sustainable Built Environment 3 Engineering and Sustainable Built Environment 3 CV3016 Engineering Communication I I I I I I I I I I I I I I I I I I I						
CV3013 Foundation Engineering 3 CV3014 Transportation Engineering 3 CV3015 Environmental Engineering 3 CV3016 Construction Technology & Processes 3 General GER CV0001 Civil Engineering and Sustainable Built Environment 3 Education (Core) EG0001 Engineers and Society 3 Requirements (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						-
CV3014 Transportation Engineering 3				_		highest CGPA
CV3015 Environmental Engineering 3 CV3016 Construction Technology & Processes 3 CV3016 Construction Technology & Processes 3 CV3016 Civil Engineering and Sustainable Built Environment 3 Education (Core) 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						
General GER CV0001 Civil Engineering and Sustainable Built Environment 3 Education (Core) EG0001 Engineers and Society 3 Requirements (GER) 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			CV3014	Transportation Engineering		
General EducationGER (Core)CV0001 EG0001Civil Engineering and Sustainable Built Environment3Requirements (GER)CV0003 HW0188 HW0288 HW0288 HW0003 HY0001 Engineering Communication I Kickstart your Career Success HY0001 Ethics and Moral Reasoning Entrepreneurship and Innovation3GER)CV0003 HW0188 Engineering Communication II Engineering Communication II Ethics and Moral Reasoning ETT00011			CV3015	Environmental Engineering	3	
General EducationGER (Core)CV0001 EG0001Civil Engineering and Sustainable Built Environment3Requirements (GER)CV0003 HW0188Intro to Data Sc. and Artificial Intelligence3HW0188 HW0288Engineering Communication I Engineering Communication II2 2 ML0003ML0003 HY0001 ET0001Kickstart your Career Success Entrepreneurship and Innovation1			CV3016	Construction Technology & Processes	3	
Education Requirements (GER)(Core)EG0001 CV0003 HW0188 HW0288 HW0288 HW0003 HY0001 ET0001Engineers and Society Intro to Data Sc. and Artificial Intelligence Engineering Communication I Engineering Communication II Engineering Communica	General	GER			3	
Requirements (GER) CV0003 Intro to Data Sc. and Artificial Intelligence 3 HW0188 HW0188 HW0288 HW0288 ML0003 Kickstart your Career Success HY0001 Ethics and Moral Reasoning ET0001 Entrepreneurship and Innovation 1 CV0003 Intro to Data Sc. and Artificial Intelligence 3 Engineering Communication II 2 16 AU 16 AU	Education	(Core)				
HW0188Engineering Communication I2HW0288Engineering Communication II2ML0003Kickstart your Career Success1HY0001Ethics and Moral Reasoning1ET0001Entrepreneurship and Innovation1		` '				
HW0288 Engineering Communication II 2 ML0003 Kickstart your Career Success 1 HY0001 Ethics and Moral Reasoning 1 ET0001 Entrepreneurship and Innovation 1	-					
ML0003 Kickstart your Career Success 1 HY0001 Ethics and Moral Reasoning 1 ET0001 Entrepreneurship and Innovation 1	(3211)					
HY0001 Ethics and Moral Reasoning 1 ET0001 Entrepreneurship and Innovation 1						16 AU
ET0001 Entrepreneurship and Innovation 1						
				-		
			LEIUUUI	Entrepreneursnip and innovation		125 411

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

List of courses tl	hat contrib	ute towards E	BA(Econs)		AU Load
	Core	HE1001	Microeconomic Principles	3	
		HE1002	Macroeconomic Principles	3	
		HE1005	Intro to Probability & Statistical Inference	3	
		HE2001	Intermediate Microeconomics	3	
		HE2002	Intermediate Macroeconomics	3	33 AUs
		HE2005	Principles of Econometrics	3	33 AUS
		HE3021	Intermediate Econometrics	3	
		HE4010	Singapore Economy in a Globalized World	4	
		EN4911	Final Year Project	8	
	Major	HExxxx	Econs PE1	3	
	PE	HExxxx	Econs PE2	3	
		HExxxx	Econs PE3	3	
		HExxxx	Econs PE4	3	
		HExxxx	Econs PE5	3	
		HExxxx	Econs PE6	3	39 AUs
		HExxxx	Econs PE7	3	337.33
		HExxxx	Econs PE8	3	
		HExxxx	Econs PE9	3	
		HExxxx	Econs PE10	4	
		HExxxx	Econs PE11	4	
		HEXXXX	Econs PE12	4	
Discipline	UE	PH1011	Physics** Mathematics 1	3	
Requirement		MH1810 MH1811	Mathematics 2	3	
		FE1073	Introduction to Engineering & Practices	1	
		CV1011	Mechanics of Materials	4	24 AUs
		CV1011 CV1012	Fluid Mechanics	3	24 AU3
		CV1012	Introduction to Computational Thinking	3	
		CV1711	Civil Engineering Drawing	1	
		EN1001	Environmental Chemistry	3	
		CV2011	Structural Analysis I	3	
		CV2013	Engineering Geology & Soil Mechanics	3	
		CV2015	Hydraulics	3	
		CV2016	Hydrology	3	
		MH2814	Probability & Statistics	3	Remaining 13
		CV2019	Matrix Algebra & Computational Methods	3	AUs from 2 nd and
		CV3016	Construction Technology & Processes	3	3 rd Year
		EN2001	Environmental Issues in a Changing World	3	Engineering
		EN2002	Environmental Biology and Microbiology	3	courses that yield
		EN2003	Water Supply Engineering	3	the highest CGPA
		EN2711	Environmental Engineering Laboratory A	1	_
		EN3001 EN3002	Solid & Hazardous Waste Management	3	
		EN3002 EN3003	Wastewater Engineering Environmental Transport Processes	3	
		EN3003 EN3004	Air Pollution Control Engineering	3	
General	GER	EG0001	Engineers and Society	3	
Education	(Core)	CV0003	Intro to Data Sc. and Artificial Intelligence	3	
Requirements		EN0001	Environmental Sustainability	3	
(GER)		HW0188	Engineering Communication I	2	
		HW0288	Engineering Communication II	2	
		ML0003	Kickstart your Career Success	1	
		HY0001	Ethics and Moral Reasoning	1	16 AUs
		ET0001	Entrepreneurship and Innovation	1	10,703
	I			TOTAL	125 AU