

Curriculum Structure of Bachelor of Engineering (Environmental) with Business Major - Professional Attachment for AY 2014/15

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 1 Semester 1	MH1810 Mathematics 1	3	FE1008 Computing	3	PH1011 Physics <i>*(Students w/o A-level Physics to do "PH1012 Physics A)*)</i>	3	FE1073 An Introduction to Engineering & Practices	1	AD1101 Financial Accounting	4	AB1201 Financial Management	3	GC 0001 Introduction to Sustainability: Multidisciplinary Approaches and Solutions	1	HW0188 Engineering Communication I <i>*(HW0001)*)</i>	2	20
Year 1 Semester 2	MH1811 Mathematics 2	3	CV1012 Fluid Mechanics	3	CV1711 Civil Engineering Drawing	1	EN1001 Environmental Chemistry	3	AB1501 Marketing	3	BE1401 Business Operations and Processes	4	ML0001	1			18
Year 2 Semester 1	CV1011 Mechanics of Materials	4	CV2015 Hydraulics <i>*(CV1012)*)</i>	3	MH2814 Probability & Statistics	3	EN2001 Environmental Issues in a Changing World	3	EN2002 Environmental Biology and Microbiology	3	EN2711 Environmental Engineering Laboratory A	1	AD2101 Management Accounting <i>*(AD1101)*)</i>	4	Ethics and Academic Integrity	1	22
Year 2 Semester 2	CV2011 Structural Analysis I <i>*(CV1011)*)</i>	3	CV2016 Hydrology	3	CV2019 Matrix Algebra & Computational Methods	3	EN2003 Water Supply Engineering <i>*(CV1012)*)</i>	3	EN2712 Environmental Engineering Laboratory B	1	AB0901 Principles of Economics : A Singapore Perspective	3	GER-PE (STS) EN0001 Sustainability Practices for Urban and Marine Environment <i>(Compulsory)</i>	3			19
Year 3 Semester 1	CV2013 Engineering Geology & Soil Mechanics	3	EN3001 Solid & Hazardous Waste Management <i>*(Year 3 Standing)*)</i>	3	EN3002 Wastewater Engineering <i>*(Year 3 Standing)*)</i>	3	EN3003 Environmental Transport Processes <i>*(Year 3 Standing)*)</i>	3	Enterprise and Innovation	1	AB1301 Business Law	3	HW0288 Engineering Communication II <i>*(HW0188)*)</i>	2			18
Year 3 Semester 2	CV0002 Engineers & Society	3	EN3004 Air Pollution Control Engineering <i>*(Year 3 Standing)*)</i>	3	EN3005 Structural Design <i>*(CV2011)*)</i>	3	AB1601 Organisational Behaviour and Design	3	ML0002	1	GER (Free Elective)	4					17
Special Semester	EN3912 Professional Attachment	4	<i>*(Year 3 Standing & Completed at least 4 Semesters of study)*)</i>													4	
Year 4 Semester 1	CV4011 Project Planning & Management <i>*(Year 4 Standing)*)</i>	3	EN4711 Seminars & Site Visits	1	EN4911 Final Year Project <i>*(Year 4 Standing)*)</i>	4	EN4XXX Specialization Course <i>*(Refer to Syllabus)*)</i>	3	Track Course 1	4	Track Course 2	4					19
Year 4 Semester 2	EN4911 Final Year Project <i>*(Year 4 Standing)*)</i>	4	EN4912 Integrated Design Project <i>*(Year 4 Standing)*)</i>	3	EN4XXX Specialization Course <i>*(Refer to Syllabus)*)</i>	3	EN4XXX Specialization Course <i>*(Refer to Syllabus)*)</i>	3	Track Course 3	4							17

**() denotes pre-requisite*

Total AU for Graduation 154

Last Updated : 10-Mar-15