

## Curriculum Structure of Bachelor of Engineering (Environmental) with Second Major in Business (International Trading Programme Track) - AY 2016/17

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
<b>Year 1 Semester 1</b>	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
<b>Year 1 Semester 2</b>	MH1811 Mathematics 2	3	CV1012 Fluid Mechanics	3	CV1711 Engineering Drawing and 3D Building Information Modelling	1	EN1001 Environmental Chemistry	3	AB1501 Marketing	3	BE1401 Business Operations and Processes	4	GER-PE (STS) EN0001 Sustainability Practices for Urban and Marine Environment (Compulsory)	3	ML0001 Absolute Basics For Career	1	21
<b>Year 2 Semester 1</b>	CV1011 Mechanics of Materials	4	CV2015 Hydraulics <i>*CV1012</i>	3	MH2814 Probability & Statistics <i>*MH1810</i>	3	EN2001 Environmental Issues in a Changing World	3	EN2002 Environmental Biology and Microbiology	3	EN2711 Environmental Engineering Laboratory A	1	BF2201 Investments <i>*AB1201</i>	4	HY0001 Ethics and Moral Reasoning	1	22
<b>Year 2 Semester 2</b>	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	BF2209 Derivative Securities <i>*AB1201 &amp; BF2201</i>	4	ITP Prescribed Elective #	3			20
<b>Year 3 Semester 1</b>	CV0002 Engineers & Society	3	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	BF2207 International Finance <i>*AB0901 &amp; AB1201</i>	4	ML0002 Career Power Up <i>*ML0001</i>	1	HW0288 Engineering Communication II <i>*HW0188</i>	2	22
<b>Year 3 Semester 2</b>	EN3914 Professional Internship	10	← <i>* Year 3 Standing &amp; Completed at least 4 Semesters of study</i>														10
<b>Year 4 Semester 1</b>	CV3011 Reinforced Concrete Design <i>*CV2011</i>	3	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	CV4XXX Major Prescribed Elective <i>*Refer to Syllabus</i>	3	CV4XXX Major Prescribed Elective <i>*Refer to Syllabus</i>	3	BF3211 Commodities Trading and Risk Management	3	ET0001 Enterprise and Innovation	1	21
<b>Year 4 Semester 2</b>	EN3004 Air Pollution Control Engineering <i>*Year 3 Standing</i>	3	EN4911 Final Year Project <i>*Year 4 Standing</i>	4	EN4912 Integrated Design Project <i>*Year 4 Standing</i>	3	CV4XXX Major Prescribed Elective <i>*Refer to Syllabus</i>	3	MS4670 Commodities' Geology and Metallurgy	3	BF2301 International Tax and Trading Law	3	BF4001 Industry Seminar	1			20

**Total AU for Graduation 156**

*\* pre-requisite*

#Only need to read 1 course, either MT1003 (only offer in Sem 1) or MT3006 (only offer in Sem 2)

Last Updated : 13-Jun-17