

EVE-2018-4YR

CITY UNIVERSITY OF HONG KONG School of Energy and Environment

Bachelor of Engineering in Environmental Science and Engineering Recommended Study Plan (for 2018 cohort with normative 4-year degree)

List of 3 School-specified courses:
(1) SEE1003 Introduction to Sustainable Energy and Environmental Engineering
(2) SEE3002 Energy and Environmental Economics
(3) MNE2016 Engineering Graphics

YEAR 1

<u>Semester A</u>	<u>CUUs</u>	<u>Semester B</u>	<u>CUUs</u>
MA1200 / Calculus and Basic Linear Algebra I /	3	MA1201 / Calculus and Basic Linear Algebra II /	3
MA1300 Enhanced Calculus and Linear Algebra I		MA1301 Enhanced Calculus and Linear Algebra II	
BCH1100 Chemistry	3	PHY1201 General Physics I	3
BCH1200 Discovery in Biology	3	SEE1002 Introduction to Computing for Energy and Environment	3
GE1401 University English	3	SEE1003 Introduction to Sustainable Energy and Environmental Engineering	3
GE Courses (Distributional Requirements) x 2	3	GE2410 English for Engineering	3
	3	GE Course (Distributional Requirements)	3
	Total: 18		Total: 18

YEAR 2

<u>Semester A</u>	<u>CUUs</u>	<u>Semester B</u>	<u>CUUs</u>
MNE2016 Engineering Graphics	3	BCH2004 Principles of Analytical Chemistry	4
SEE2002 Chemical Sciences for Energy and Environmental Engineers	4	MA2181 Mathematical Methods for Engineering	3
SEE2003 Introduction to Energy and Environmental Data Analysis	3	SEE2101 Engineering Thermofluids I	3
SEE2203 Environmental, Safety, and Occupational Health Management	3	SEE2201 Fundamentals of Environmental Engineering	3
GE1501 Chinese Civilisation - History and Philosophy	3	SEE2204 Principles of Sustainability	3
	Total: 16		Total: 16

YEAR 3

<u>Semester A</u>	<u>CUUs</u>	<u>Semester B</u>	<u>CUUs</u>
SEE3002 Energy and Environmental Economics	3	SEE3003 Climate Change and Adaptation Strategies	3
SEE3101 Engineering Thermofluids II	4	SEE3203 Air Pollution	3
SEE4218 Water and Water Resource Engineering	3	SEE4001 Engineers in Society	1
SEEM4024 Project Management	3	SEE4204 Environmental Systems Modelling	3
		SEE4217 Waste and Wastewater Treatment Engineering	3
	Total: 13		Total: 13

YEAR 4

<u>Semester A</u>	<u>CUUs</u>	<u>Semester B</u>	<u>CUUs</u>
SEE4002 Environmental Engineering Laboratory	3	SEE4004 Environmental Impact Assessment for Sustainable Development	4
SEE4996 Final Year Project	3	SEE4996 Final Year Project	3
Major Electives x 2	6 - 8	Major Electives x 2	6 - 8
GE Course (Distributional Requirements)	3		
	Total: 15 - 17		Total: 13 - 15