

EVE-2020-4YR

CITY UNIVERSITY OF HONG KONG School of Energy and Environment

Bachelor of Engineering in Environmental Science and Engineering Recommended Study Plan (for 2020 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>CUs</u>	<u>Semester B</u>		<u>CUs</u>
MA1200 / MA1300	Calculus and Basic Linear Algebra I / Enhanced Calculus and Linear Algebra I	3	MA1201 / MA1301	Calculus and Basic Linear Algebra II / Enhanced Calculus and Linear Algebra II	3
CHEM1200	Discovery in Biology	3	PHY1201	General Physics I	3
CHEM1300	Principles of General Chemistry	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>CUs</u>	<u>Semester B</u>		<u>CUs</u>
MNE2016	Engineering Graphics	3	CHEM2004	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>CUs</u>	<u>Semester B</u>		<u>CUs</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>CUs</u>	<u>Semester B</u>		<u>CUs</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		