

**CITY UNIVERSITY OF HONG KONG**  
**School of Energy and Environment**

Bachelor of Engineering in Energy Science and Engineering  
Recommended Study Plan (for 2016 cohort with Advanced Standing I)

**YEAR 2**

<u>Semester A</u>		<u>CUs</u>	<u>Semester B</u>		<u>CUs</u>
SEE2001	Electromagnetic Principles for Energy Engineers	3	MA2181	Mathematical Methods for Engineering	3
SEE2002	Chemical Sciences for Energy Engineers	4	SEE2101	Engineering Thermofluids I	3
GE2401 /	English for Science /	3	SEE2201	Fundamentals of Environmental Engineering	3
GE2410	English for Engineering		GE1401	University English	3
GE1501	Chinese Civilisation - History and Philosophy	3	GE Course (Distributional Requirements)		3
MBE2016	Engineering Graphics	3			3
		<b>Total: 16</b>			<b>Total: 18</b>

**YEAR 3**

<u>Semester A</u>		<u>CUs</u>	<u>Semester B</u>		<u>CUs</u>
SEE3002	Energy and Environmental Economics	3	SEE3001	Energy and Environmental Policy	3
SEE3101	Engineering Thermofluids II	4	SEE3104	Sustainable and Renewable Energy	3
SEE3102	Power Plant Engineering	3	SEE4001	Engineers in Society	3
SEE3103	Energy Efficiency for Buildings	3	Major Electives		3
Non-GE Course * <sup>1</sup>		3			3
		<b>Total: 16</b>			<b>Total: 15</b>

**YEAR 4**

<u>Semester A</u>		<u>CUs</u>	<u>Semester B</u>		<u>CUs</u>
SEEM4024	Project Management	3	SEE4004	Environmental Impact Assessment for Sustainable Development	4
SEE4112	Sustainable Engineering Systems: Modelling and Analysis	3	SEE4217	Waste and Wastewater Treatment Engineering	3
SEE4997	Final Year Project	3	SEE4997	Final Year Project	3
Major Elective		3	Major Elective		3
		<b>Total: 12</b>			<b>Total: 13</b>

Remarks \*<sup>1</sup>: students are advised to take [SEE3201 Atmospheric Science – An Introductory Survey](#) and/or [SEE4202 Atmospheric Chemistry](#), and some other courses listed in the page: <http://www6.cityu.edu.hk/see/shandbook.htm#ESE-CA>