

# ESE-2018-ASI

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

List of 2 School-specified courses:  
 (1) SEE3002 Energy and Environmental Economics  
 (2) MBE2016 Engineering Graphics

Bachelor of Engineering in Energy Science and Engineering  
Recommended Study Plan (for 2018 cohort with Advanced Standing I)

**YEAR 2**

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

**YEAR 3**

<u>Semester A</u>		<u>CU</u> s	<u>Semester B</u>		<u>CU</u> s
SEE3002	Energy and Environmental Economics	3	SEE3001	Energy and Environmental Policy	3
SEE3101	Engineering Thermofluids II	4	SEE3003	Climate Change and Adaptation Strategies	3
SEE3102	Power Plant Engineering	3	SEE3104	Sustainable and Renewable Energy	3
SEE3103	Energy Efficiency for Buildings	3	SEE4001	Engineers in Society	1
SEEM4024	Project Management	3	SEE4217	Waste and Wastewater Treatment Engineering	3
		<b>Total: 16</b>			<b>Total: 13</b>

**YEAR 4**

<u>Semester A</u>		<u>CU</u> s	<u>Semester B</u>		<u>CU</u> s
SEE4003	Energy and Environmental Engineering Laboratory	3	SEE4004	Environmental Impact Assessment for Sustainable Development	4
SEE4112	Sustainable Engineering Systems: Modelling and Analysis	3	SEE4997	Final Year Project	3
SEE4997	Final Year Project	3	Major Electives x 2		3
Major Electives x 2		3			3
		<b>Total: 15</b>			<b>Total: 13</b>