

EVE-2022-ASI

CITY UNIVERSITY OF HONG KONG School of Energy and Environment

List of 2 School-specified courses:
(1) CA1167 Engineering Communication
(2) SEE3002 Energy and Environmental Economics

Bachelor of Engineering in Environmental Science and Engineering Recommended Study Plan (for 2022 cohort with Advanced Standing I)

YEAR 2

Semester A		CU _s	Semester B		CU _s
SEE2002	Chemical Sciences for Energy and Environmental Engineers	4	CA1167	Engineering Communication	3
SEE2003	Introduction to Energy and Environmental Data Analysis	3	CHEM2004	Principles of Analytical Chemistry	4
SEE2203	Environmental, Safety, and Occupational Health Management	3	MA2181	Mathematical Methods for Engineering	3
SEE2204	Principles of Sustainability	3	SEE2101	Engineering Thermofluids I	3
GE1401	University English	3	SEE2201	Fundamentals of Environmental Engineering	3
			GE2410	English for Engineering	3
		Total: 16			Total: 19

YEAR 3

Semester A		CU _s	Semester B		CU _s
ADSE4024	Project Management	3	SEE3003	Climate Change and Adaptation Strategies	3
SEE3002	Energy and Environmental Economics	3	SEE3203	Air Pollution	3
SEE3101	Engineering Thermofluids II	4	SEE4001	Engineers in Society	1
SEE4218	Water and Water Resource Engineering	3	SEE4204	Environmental Systems Modelling	3
GE1501	Chinese Civilisation - History and Philosophy	3	SEE4217	Waste and Wastewater Treatment Engineering	3
			GE Course (Distributional Requirements)		3
		Total: 16			Total: 16

YEAR 4

Semester A		CU _s	Semester B		CU _s
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

IMPORTANT NOTES re. SEE2000 Professional Development I and SEE4000 Professional Development II:

By the time SEE students graduate, they must have successfully completed *SEE2000 Professional Development I* and *SEE4000 Professional Development II*, namely **8-hour Career Training Workshops arranged by SEE** plus **160-hour Professional Development experience recognized by SEE**. For details, please refer to the School website at <https://www.cityu.edu.hk/see> >> Programmes >> Undergraduate Programmes.

EVE-2022-ASI-BSS

CITY UNIVERSITY OF HONG KONG School of Energy and Environment

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(1) CA1167 Engineering Communication
(2) SEE3002 Energy and Environmental Economics

Bachelor of Engineering in Environmental Science and Engineering Recommended Study Plan (for 2022 cohort with Advanced Standing I taking BSS discipline)

YEAR 2

Semester A	CUUs	Semester B	CUUs
SEE2001 Electromagnetic Principles for Energy Engineers	3	CA1167 Engineering Communication	3
SEE2002 Chemical Sciences for Energy and Environmental Engineers	4	CHEM2004 Principles of Analytical Chemistry	4
SEE2003 Introduction to Energy and Environmental Data Analysis	3	MA2181 Mathematical Methods for Engineering	3
SEE2203 Environmental, Safety, and Occupational Health Management	3	SEE2101 Engineering Thermofluids I	3
SEE2204 Principles of Sustainability	3	SEE2201 Fundamentals of Environmental Engineering	3
GE1401 University English	3	GE2410 English for Engineering	3
Total:	19	Total:	19

YEAR 3

Semester A	CUUs	Semester B	CUUs
CA3712 Electrical Services	3	SEE3003 Climate Change and Adaptation Strategies	3
CA3732 Fire Engineering and Piped Services	3	SEE3203 Air Pollution	3
SEE3002 Energy and Environmental Economics	3	SEE4001 Engineers in Society	1
SEE3101 Engineering Thermofluids II	4	SEE4204 Environmental Systems Modelling	3
SEE3103 Energy Efficiency for Buildings	3	SEE4217 Waste and Wastewater Treatment Engineering	3
SEE4218 Water and Water Resource Engineering	3	Major Elective	3 - 4
GE1501 Chinese Civilisation - History and Philosophy	3	GE Course (Distributional Requirements)	3
Total:	22	Total:	19 - 20

YEAR 4

Semester A	CUUs	Semester B	CUUs
ADSE4024 Project Management	3	CA4718 Power Electronics and Smart Lighting Controls	3
CA3722 HVAC Engineering	3	SEE4004 Environmental Impact Assessment for Sustainable Development	4
CA4737 Fire Science and Modelling	3	SEE4996 Final Year Project	3
SEE4002 Environmental Engineering Laboratory	3	Major Electives x 2	6 - 8
SEE4996 Final Year Project	3	GE Course (Distributional Requirements)	3
Major Elective	3 - 4		
Total:	18 - 19	Total:	19 - 21

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