(For students admitted in 2012-13 under the 3-year degree)

Curriculum for BSc in Environmental Management and Technology

General Requirements

Students are required to complete the following general requirements for graduation in addition to program specific requirements:

Required Courses in English Communication
Common Core Requirements
Required Course in Physical Education

For details please refer to the section "General Requirements" on this website.

Program Specific Requirements

Credit(s)

Required courses

		ENVR 2001	Academic and Professional Development I	1
		ENVR 2010	Environmental Science Fundamentals	3
		ENVR 3001	Academic and Professional Development II	1
		ENVR 3110	Sustainable Development	3
		ENVR 3210	Environmental Technology	3
		ENVR 3220	Energy Resources and Usage	3
		ENVR 3310	Green Business Strategy	3
		ENVR 3410	Economics for Environmental Policy and Management	3
		ENVR 3420	Environmental Law and Regulations	3
		ENVR 4001	Academic and Professional Development III	1
		ENVR 4320	Corporate Environmental Accounting and Reporting	3
		ENVR 4980	Environmental Management and Technology Capstone Project I	3
		ENVR 4990	Environmental Management and Technology Capstone Project II	3
		CIVL 1170	Climate Change Risk, Mitigation and Adaptations	3
(1)		ECON 2103	Principles of Microeconomics	3
(1)	or	ECON 2113	Microeconomics	3
(1)	or	ECON 2913	Honors Microeconomics	3
		FINA 2203	Fundamentals of Business Finance	3
		ISOM 2500	Business Statistics	3
	or	MATH 2411	Applied Statistics	4
(2)		MATH 1003	Calculus and Linear Algebra	3
(2)	or	MATH 1018	Concise Calculus	4
		MGMT 2110	Organizational Behavior	3

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(3,4)	EVMT	Environmental Management and Technology Elective	3	9
(3,5)	FREE	Free Elective	5	15-17

Notes:

(1) Students entering with AL Economics take ECON 2113; however, those with grade B or above in HKAL Economics will take ECON 2913. All other students without AL Economics background, including those entering with AL Business and Economics, take ECON 2103.

(2) Students admitted with a grade D or above in either AL Pure Mathematics or AL Applied Mathematics will replace this course with a free elective of 3 credits. Other students should elect one of MATH 1003 or MATH 1018 with respect to their prior mathematics background as follows:

Prior mathematics background: HKCEE Mathematics only, or grade C or below in HKCEE Additional Mathematics
Course to be taken: MATH 1003

Prior mathematics background: Grade B or above in HKCEE Additional Mathematics; OR a passing grade in AS Mathematics and Statistics, AL/AS Applied Mathematics or AL Pure Mathematics
Course to be taken: MATH 1018

(3) Of these 24-26 credits, at least 9 credits must be at 3000-level or above.

(4) Students must choose from the following courses to fulfill the EVMT elective requirements. Students should seek program advice as to the choice of electives.

ENVR Courses: ENVR 1010, ENVR 1030, ENVR 1040, ENVR 1050, ENVR 1811, ENVR 2020, ENVR 2811, ENVR 2900, ENVR 3230, ENVR 4000, ENVR 4010, ENVR 4220, ENVR 4310, ENVR 4330

Environmental Science Courses: CHEM 1030, LIFS 1010, LIFS 2060, LIFS 3160

Environmental Control Courses: CENG 4720/CIVL 4430, CIVL 4470, MECH 3901, MECH 4350

Environmental Business Courses: IELM 4170, ECON 2123, ISOM 2700, ISOM 4750, MGMT 3120, MGMT 3140, MGMT 4110, MGMT 4220

Social Science Courses: SOSC 1661, SOSC 1840, SOSC 1850, SOSC 2140, SOSC 2170, SOSC 2230, SOSC 2780, SOSC 3110, SOSC 4290, SOSC 4600

(5) Students should take 15-17 free elective credits to meet the minimum total of 100 credits.

A minimum of 100 credits is required for the BSc Program in Environmental Management and Technology. Students must take additional course(s) and/or elective(s) of higher-than-required credit value to meet this minimum total of 100 credits.