(For students admitted in 2016-17 under the 4-year degree)

BSc in Environmental Management and Technology

In addition to the requirements of their major programs, students are required to complete the University requirements for graduation. For details please refer to the respective section on this website.

Some courses can be used to fulfill both Major and University Common Core Requirements. Students may reuse a maximum of 6 credits of these courses to count towards both Requirements.

Students may use no more than 6 credits earned from courses offered in pure online delivery mode to satisfy the graduation requirements of a degree program. This 6-credit limit does not apply to credits obtained through the credit transfer procedures of the University.

For students graduating with an additional major, they must take all the requirements specified for that major, within which they must complete at least 20 single-counted credits. These 20 credits cannot be used to fulfill any other requirements for graduation except for the 120-credit degree requirement.

Major Requirements

Fundamental Course(s)

			Credit(s) attained
COMP/ISOM		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q OR ISOM 2010	3
COMP	1021	Introduction to Computer Science	3
COMP	1022P	Introduction to Computing with Java	3
COMP	1022Q	Introduction to Computing with Excel VBA	3
ISOM	2010	Introduction to Information Systems	3
LANG	2082	Communication for Environmental Management and Technology I	2
LANG	2083	Communication for Environmental Management and Technology II	2
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4
MATH	1003	Calculus and Linear Algebra	3
MATH	1012	Calculus IA	4
MATH	1013	Calculus IB	3
MATH	1020	Accelerated Calculus	4
MATH	1023	Honors Calculus I	3

Required Course(s)

			Credit(s) attained
ENVR	1001	EVMT Orientation	0
ENVR	1170	Big History, Sustainability and Climate Change	3

ENVR	2001	Academic and Professional Development I	1
ENVR	2010	Environmental Science Fundamentals	3
ENVR	2030	Material and Energy Balance for Environmental Management	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	ESG Management and Reporting	3
ENVR	4980	Environmental Management and Technology Capstone Project I	3
ENVR	4990	Environmental Management and Technology Capstone Project II	3
ECON		Note: ECON 2103 OR ECON 2113	3
ECON	2103	Principles of Microeconomics	3
ECON	2113	Microeconomics	3
FINA	2203	Fundamentals of Business Finance	3
ISOM	2500	Business Statistics	3
LANG	3081	Communication for Environmental Management and Technology III	2
MGMT	2110	Organizational Behavior	3

Elective(s)

			Minimum credit(s) required
EVMT		Environmental Management and Technology Electives (Courses from the specified elective list, of which at least 9 credits must be at 3000-level or above.)	12
ENVR Courses			
ENVR		All ENVR elective courses	
Environmental Science Courses			
CHEM	1004	Chemistry in Everyday Life	3
CHEM	1010	General Chemistry IA	3
CHEM	1020	General Chemistry IB	3
LIFS	1010	Appreciation of Biological Sciences	3
LIFS	2060	Biodiversity	3
LIFS	3160	Ecology	3
Environmental Control Courses			
CENG	4720	Environmental Impact Assessment and Management Systems	3
CIVL	4430	Environmental Impact Assessment	3
CIVL	4440	Environmental Systems Analysis	3

CIVL	4470	Air Quality Control and Management	3
MECH	4350	Indoor Air Quality in Buildings	3

Environmental Business Courses

ECON	2123	Macroeconomics	3
ISOM	2700	Operations Management	3
ISOM	4750	Business Project Management	3
MGMT	3120	Managerial Leadership	4
MGMT	3140	Negotiation	4
MGMT	4110**	Business Ethics and Policy	4
MGMT	4220	Entrepreneurship and Small Business Studies	4

Social Science Courses

SOSC	1661	Contemporary Hong Kong: Government & Politics	3
SOSC	1840	Government, Law and Society in China	3
SOSC	1850	Understanding Society	3
SOSC	2140	Research Methods in the Social Sciences	3
SOSC	2170	Environment, Sustainability and Business: A Design Approach	3
SOSC	2230**	The Chinese Economy	3
SOSC	2780	Modernization and Social Change	3
SOSC	3110	Innovation and Technology in Hong Kong	3
SOSC	3150	Science, Technology and Environment	3
SOSC	3260	Sustainability Science: Policy Problems and Perspectives	3
SOSC	3540	Environmental Psychology	3
SOSC	4290	China's Sustainable Development	3
SOSC	4320	Policy Analysis and Design for Sustainable Development	3
SOSC	4600	Understanding Chinese Politics	3

***Remarks on course(s):*

- MGMT 4110: The course was last offered in 2011-12 and was deleted subsequently.
- SOSC 2230: The course was last offered in 2012-13 and was deleted subsequently.