(For all students in the Program)

Undergraduate Minor Program in Environmental Sustainability and Management

Any undergraduate students with a CGA of 2.15 or above may enroll in this minor program. A background in basic chemistry would be beneficial to students' study but not essential for admission. Typically, students need three regular terms to finish this minor program. Students must declare their intention to enroll in the minor program no earlier than the second regular term of their first year of study but no later than the last day of the add/drop period in the second regular term of their penultimate year of study. Special approval should be obtained from the program coordinator for declaration made later than the enrollment window. Students who wish to withdraw from the minor program should apply before the last day of add/drop period in the last regular term of their study.

The Minor Program in Environmental Sustainability and Management requires a minimum of 18 credits to be taken from the following courses:

Required courses

				Credit(s)
(1)		CIVL 1140	Environmental Quality Control and Improvement	3
(1)	or	CENG 1700	Introduction to Environmental Engineering	3
(1)		CIVL 4430	Environmental Impact Assessment	3

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(2)	ENGG	Environmental Sustainability and Management Elective	4	12

Notes:

(1) Students are recommended to take CIVL 1140 or CENG 1700 first to obtain the basic knowledge of this area prior to taking CIVL 4430.

(2) Students should take 4 courses (12 credits) from the following list:
CIVL 2510/CENG 2220/MECH 3210, CIVL 1170, CIVL 2420, CIVL 4460, CIVL 4470/CENG 4770 (prior to 2009-10), CIVL 4480 (prior to 2009-10), CIVL 4520, CIVL 4770, CENG 3210, CENG 4000A, CENG 4650 (prior to 2009-10), CENG 4710, MECH 4350, LIFS 1030, BISC 006 (prior to 2010-11), PHYS 1003.
No more than one course within the same course groups of CIVL 2500/CIVL 2510/CENG 2220/MECH 3210 and CIVL 4470/CENG 4770 can be counted towards the elective requirement.

For credit transfer, students can transfer a maximum total of 6 credits to the Minor Program.

For students admitted prior to 2012-13, no more than 12 credits taken to fulfill the major program requirements may count towards this minor program. For those admitted in 2012-13 or after, no more than 9 credits taken to fulfill other requirements may count towards this minor program.

To graduate with a minor in Environmental Sustainability and Management, the students must have enrolled in the minor program and complete all of its requirements, as well as all the requirements of their major program of study; and attain an average grade point of at least 2.15 in course taken within the minor program.