(For students admitted in 2011-12 under the 3-year degree)

Curriculum for BEng in Logistics Management and Engineering

Two program sequences, namely Sequence A and Sequence B, are designed to take care of students admitted with different mathematics background. Sequence A is intended for students with AL Mathematics background, while Sequence B is for those without an AL Mathematics background who are required to undertake additional mathematics course(s).

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

(1)	IELM 1990	Industrial Training	0
	IELM 2150	Product Design and Communication	3
	IELM 2200	Engineering Management	3
	IELM 2410	Logistics and Freight Transportation Operations	3
	IELM 2510	Engineering Probability and Statistics	4
	IELM 3010	Operations Research I	3
	IELM 3130	Ergonomics and Safety Management	3
	IELM 3230	Engineering Economy	3
	IELM 3250	Operations Research II	3
	IELM 3270	Quality Engineering	3
	IELM 3300	Industrial Data Systems	3
	IELM 3410	Routing and Fleet Management	3
	IELM 3450	Logistics Planning and Service Management	3
	IELM 4100	Integrated Production Systems	3
	IELM 4110	Engineers in Society	1
	IELM 4130	System Simulation	3
	IELM 4200	Facilities Layout and Material Handling	3
	IELM 4410	Global Supply Chain Management	3
	IELM 4650	Cognitive Engineering and Human Performance	3
	IELM 4930	Logistics Management and Engineering Project	6
	CIVL 3620	Introduction to Transportation Systems	3
(2)	COMP 1022P	Introduction to Computing with Java	3
(3)	ELEC 2410	Basic Electronics	4
	MATH 2011	Introduction to Multivariable Calculus	3
	MATH 2111	Matrix Algebra and Applications	3

		For Sequence B:	
	MATH 1018	Concise Calculus	4

Elective courses

	Elective types		Minimum no. of courses	Minimum total credits
(4)	ENGG	Engineering Elective		
		For Sequence A	3	9
		For Sequence B	2	6
(5)	SB&M	Business and Management Elective	2	4

Other Requirements

(6)	IELM 1010	Academic and Professional Development I	0
	IELM 1020	Academic and Professional Development II	0

Notes:

(1) Students are required to complete and pass a prescribed training program within the normal length of study. Details of the program, its requirements and schedule will be announced on the website of the Industrial Training Center (http://www.ust.hk/itc) or website of the department in the first year Fall term. Training normally takes place in the Winter and Summer terms starting from the first year of study. For recording the overall training results, students are normally registered for the course in their last term of study.

(2) Students admitted through the School-based Admission Scheme are not required to take COMP 1022P. They will take COMP 1004 (prior to 2013-14) instead.

(3) Students admitted through the School-based Admission Scheme are not required to take ELEC 2410. They will take ELEC 1100 instead.

(4) CENG 4720, CIVL 3230, CIVL 4620, ENGG 3000 and MECH 2800 are recommended Engineering electives. ENGG 4950 can be used to count toward the ENGG elective requirement.

(5) ACCT 2020, ECON 2123, FINA 2203, MARK 2120 and MGMT 1110 are recommended SB&M electives.

(6) Students admitted through the School-based Admission Scheme are not required to take IELM 1010 in the Fall term of the first year.

A minimum of 104 credits is required for the BEng program in Logistics Management and Engineering Sequence A; and a minimum of 105 credits is required for Sequence B.