

*Students with HKDSE Chinese subject result at level 3 or above or equivalent
 **Students should have normally completed the general requirement in language (LCR)

Updated on 16/Aug/2021

[3] – 3 credits **Pre-requisite** →

Pre-requisite: All relevant CSE and BSE core subjects at Year 1 to 3

Individual Project for Struct. & Fire Safety Eng. CSE49496 [6]	Design Project for Struct. & Fire Safety Eng. CSE48905 [4]
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Total No. of Credits of the 4-year Programme: 125 credits and 12 practical training credits

Subjects offering in (subject to change):

Semester-1	Semester 1 & 2
Semester-2	Semester 2 & 3
Semester-3	Semester 1 or 2

Construction Practices and Safety CSE2700/IC2700 [2ptc]	Construction Drawing and Modelling CSE2701/IC2701 [3ptc]	Integrated Project for Fire Eng. CSE2705/IC2705 [3ptc]	Summer Training CSE30323 [4ptc]
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General Courses

Intro. to Civil Eng. and Sustainable Development CSE1000 [3]	Practical Eng. For Uni. Studies ELC1011 [3]	Univ. Chinese *CLC1104C/P [3]	English for Constr. & Environ. Professionals ELC3421 [3]	Chinese Communication for Constr. & Environ. **CLC3231P [3]	Tomorrow's Leaders APSS1L01 [3]	CAR – 1 2 3 & 4 (Area A, B, C & D) [12]	Human Psychology & Physiology BSE4801 [3]
	Eng. for Uni. Studies ELC1012 [3]				Healthy Lifestyle [0]	Service-learning subject [3]	

Civil/Structure Engineering				Fire Engineering			
Structural Mechanics CSE20201 [3]	Construction Materials CSE20308 [3]	Hydraulics & Hydrology CSE30306 [3]	Design of Concrete Structures CSE30310 [3]	Eng. Thermodynamics BSE2216 [3]	Ethics, Law, Regulations and Standards for Constr. & Fire Safety BSE4316 [3]	Active Fire Protection Systems Analysis BSE4314 [3]	
Advanced Struct. Mechanics CSE20204 [3]	Construction Management CSE30303 [3]	Soil Mechanics CSE39307 [3]	Design of Steel Structures CSE30311 [3]	Heat & Mass Transfer BSE2217 [3]	Passive Fire Protection and Structural Resilience CSE49491 [3]	Fire Science BSE4315 [3]	
		Structural Analysis CSE30301 [3]	Geotechnical Design CSE40403 [3]			Fire Risk Management BSE4318 [3]	

Engineering Fundamentals

Intro. to Physics AP10001 [3]	Calculus AMA1131 [3]	Mathematics for Engineers AMA2131 [3]	Programming Fundamentals COMP1011 [3]	Eng. Analysis & Computation CSE20302 [3]	Quantitative Methods for Engineers CSE38900 [3]	Eng. Surveying LSGI2961 [3]	Air and Noise Pollution Studies CSE29331 [3]
Intro. to Chemistry ABCT1700 [3]				Fluid Mechanics CSE29202 [3]		Civil Eng. Survey Camp LSGI2963 [1]	