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

120-Credit Program for Engineering Students Entering the Preparatory Year

The 120-credit program is designed for students entering with 12 years of school education. The program comprises both preparatory courses and courses required by the degree program proper. The preparatory courses are listed below. Requirements of the degree program are published separately under the respective departmental section on this website.

				Credit(s)
(1)		LANG 1007**	English for University Studies I	3
(1)	and	LANG 1008**	English for University Studies II	3
(1)	or	LANG 1120	Chinese for Non-Chinese Language Background Students I	3
(1)	and	LANG 1121	Chinese for Non-Chinese Language Background Students II	3
		MATH 1013	Calculus I	3
		MATH 1014	Calculus II	3
		PHYS 1411	General Physics I	3
For CBME students:				
		CHEM 1001**	Introductory Chemistry	3
		PHYS 1413	Introductory Electromagnetism and Modern Physics	3
		PHYS 1433	Laboratory for Electromagnetism and Modern Physics	1
For CIVL students:				
		PHYS 1431	Laboratory for General Physics I	1
For CPEG students:				
		PHYS 1413	Introductory Electromagnetism and Modern Physics	3
For ECE students				
		ELEC 1100	Introduction to Electro-Robot Design	4
	or	ELEC 1200	A System View of Communications: from Signals to Packets	4
		PHYS 1413	Introductory Electromagnetism and Modern Physics	3
For IELM/MECH students				
		PHYS 1413	Introductory Electromagnetism and Modern Physics	3
		PHYS 1431	Laboratory for General Physics I	1
		PHYS 1433	Laboratory for Electromagnetism and Modern Physics	1

***Remarks on course(s):*

- CHEM 1001: The course was last offered in 2011-12 and was deleted subsequently.
- LANG 1007: The course was last offered in 2011-12 and was deleted subsequently.
- LANG 1008: The course was last offered in 2012-13 and was deleted subsequently.

Note:

(1) Only for students who are exempted from LANG 1007 (prior to 2012-13) and LANG 1008 (prior to 2013-14) by the Language Center. Students will replace LANG 1007 (prior to 2012-13) - LANG 1008 (prior to 2013-14) and LANG 1120 - LANG 1121 by two free electives if exemption from these courses is granted by the Language Centre.

For graduation, students are required to complete all preparatory courses and courses required by the degree program, and earn a minimum of 120 credits. Students should take additional courses to meet this minimum in case the credits from the preparatory courses and degree courses do not add up to the total of 120. All these courses count towards the calculation of the Graduation Grade Average (GGA) used for determining the class of honors on graduation. For the purpose of calculating the GGA, courses in the students' first year of study will be given a weighting of 0.5, while those taken beyond the first year be given a weighting of 1.0.

Students following the 120-credit program are subject to the same set of academic regulations that are applicable to regular undergraduate students. The normal duration of study for the 120-credit program is four years. Students are expected to complete all preparatory courses in their first year of study. Depending on the academic ability of individual students to undertake extra credit load and subject to approval of their School, students may also take degree courses during their first year of study. For the more academically aggressive and capable students, they may complete the 120-credit program in less than four years.