

**Study-Path for BEMTE 2010-2011 Entry (UGC funded) (CES Mode)**

**For Reference Only**

Yr	Sem	Programme Requirements					University Requirements			CU's
1	A	CS2363 Computer Programming (3)	EE2917 Electronic Eng. I (3)	MA2176 Bsc. Calculus & Linear Algebra (3)	MEEM2003 Mechanics (3)	MEEM2034 Int. to Eng. Materials & Mfg. Proc. (3)	Lang./ CCIV/ OOD (3)			18
	B	EE2918 Electronic Eng. II (3)	MA2177 Engineering Mathematics and Statistics (3)	MEEM2004 Eng. Principles and Design (3)	MEEM2020 Engg. Workshop Practice (0)		Lang./ CCIV/ OOD (3)	Lang./ CCIV/ OOD (3)	Lang./ CCIV/ OOD (3)	18
	S	MEEM2016 Com. Aided Eng. Drawing (3)	MEEM2020 Engg. Workshop Practice (0)				Lang./ CCIV/ OOD (3)			6
2	A	MEEM3010 Mechanical Design (3)	MEEM3049 Control Princ. (3)	Prog. Elective 1 (3)	Prog. Elective 2 (3)	Prog. Elective 3 (3)	Lang./ CCIV/ OOD (3)			18
	B	EE3920 Fundamentals of Industrial Electronics (3)	MEEM3044 Microprocessor Prog. & Appl. (3)	MEEM4010 Motion Cntrl Design (3)	Prog. Elective 4 (3)	Prog. Elective 5 (3)	Lang./ CCIV/ OOD (3)			18
	S	Prog. Elective 6 (3)	Prog. Elective 7 (3)	(See note 6 below)						6*
3	A	Prog. Elective 8 (3)	Prog. Elective 9 (3)	CES FS4001 (4)	MEEM4068 Project / MEEM4069 Group Project (4)					14
	B	Prog. Elective 10 (3)	Prog. Elective 11 (3)	CES FS4001 (4)	MEEM4068 Project / MEEM4069 Group Project (5)					15
	S									0
( ) indicates the number of credit units							<b>Total credits required (minimum) =</b>			<b>107</b>

**Note 1** : MEEM2020 has to be completed in Year one Semester B or Summer depending on the allocation of places.

**Note 2** : Language, Chinese Civilization and Out-of-Discipline courses are taken as per the convenience of the student since they are offered throughout the year on a university-wide basis. It is strongly recommended that Language and CCIV Requirements be completed as early as possible.

**Note 3** : Courses can be taken in any order or in any year of study provided pre-requisite and pre-cursor requirements are satisfied.

**Note 4** : The maximum CU loading is **18** per semester, **7** for the Summer.

**Note 5** : Students who work far from Hong Kong and are unable to attend classes in Year-3, should select MEEM4011 and MEEM4006 because attendance will not be required for these courses.

**Note 6\*** : These programme electives will be offered subject to availability of resources.