

Study-Path for BEMTE 2008-2009 Entry (UGC funded) (Full-time CES Mode)

Yr	Sem	Programme Requirements					University Requirements			CUs
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)							6
3	A	Prog. Elective 8 (3)	MEEM4068 Project / MEEM4069 Group Project (4)	CES FS4001 (4)						11
	B	Prog. Elective 9 (3)	MEEM4068 Project / MEEM4069 Group Project (5)	CES FS4001 (4)						12
	S									0
() indicates the number of credit units							Total credits required (minimum) =			107

Note 1 : MEEM2020 has to be completed in Year one Semester B or Summer.

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 requirement 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 : Most elective courses will be available only in the evening-time together with part-time students. 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.

Study-Path for BEMTE 2008-2009 Entry (UGC funded) (Full-time Non-CES Mode)

Yr	Sem	Programme Requirements					University Requirements			CUs
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	MEEM3054 Manufacturing Project (0)								0
3	A	Prog. Elective 6 (3)	Prog. Elective 7 (3)	Prog. Elective 8 (3)	MEEM4068 Project / MEEM4069 Group Project (4)					13
	B	Prog. Elective 9 (3)	MEEM4068 Project / MEEM4069 Group Project (5)							8
	S									0
() indicates the number of credit units							Total credits required (minimum) =			99

Note 1 : MEEM2020 has to be completed in Year one Semester B or Summer.

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 requirement 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 : Most elective courses will be available only in the evening-time together with part-time students. 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 : Non-CES students must take MEEM3054 Manufacturing Project or the IAS in the Summer after Year 2.

Study-Path for BEMTE 2008-2009 Entry (Non-UGC-funded, Part-time Mode)

Year	Sem	Programme Core - Required Courses & Electives			University Requirements	CU
1	A	MEEM2016 (3 credit units) Computer Aided Eng.Drawing	MA2176 (3) Bsc.Calculus&Linear Algebra	MEEM 2020(0) Engineering Workshop Practice	EN2281 English Lang. Skills for Technology Studies I (3)	9
	B	CS2363 (3) Computer Programming	MA2177 (3) Eng. Mathematics and Statistics		EN2282 English Lang. Skills for Technology Studies II (3)	9
	S	MEEM2034 (3) Intro. to Engg. Materials & Mfg. Processes	Programme Elective 1 (3)			6
2	A	MEEM2003 (3) Mechanics	EE2917 (3) Electronic Engineering I	Programme Elective 2 (3)		9
	B	MEEM2004 (3) Engineering Principles and Design	EE2918 (3) Electronic Engineering II	Programme Elective 3 (3)		9
	S	MEEM3049 (3) Control Principles	Programme Elective 4 (3)			6
3	A	MEEM4010 (3) Motion Control Design	MEEM3044 (3) Microprocessor Prog.&Appl.	Programme Elective 5 (3)		9
	B	EE3920 (3) Fundamentals of Ind.Electronics	MEEM3010 (3) Mechanical Design	Programme Elective 6 (3)		9
	S	MEEM3054 (0) Manufacturing Project	Programme Elective 7 (3)		OOD 1 (3)	6
4	A	Programme Elective 8 MEEM4006 (3)	MEEM4068 Project / MEEM4069 Group Project (4+5)			7
	B	MEEM4011/EE4919 (3) One of two electives			OOD 2 (3)	11
	S	Reserve Summer Term – Graduation time for the academic year for the relevant cohort is end of Semester B each year. Students completing all the requirements by this timeline can also graduate if they belong to the relevant cohort or earlier.				-
Total credits required (minimum)						90

Note 1 : OOD courses must be outside the Programme (may be taken in any semester/term).

Note 2 : A set of English courses, totaling 6 credits, has to be taken by students to meet “University Language Requirement”.

Note 3 : Although timeslots are indicated for Programme Elective and OOD courses, students are free to choose them according to their academic load and the timetable of required (core) courses in a particular semester/term.

Note 4 : While the total number of credits required for graduation is 99, 9 CUs of CCIV/OOD were waived by the FSE for non-UGC-funded BEMTE programme. In other words, a minimum of 90 CUs is required for BEMTE non-UGC-funded programme.