

Model Study Path for BEIEEM (UGC-funded) (Optional CES mode) 2010/2011 Entry

Yr	Sem	Programme Requirements					University Requirements			CU's
1	A	CS2363 Computer Programming (3-R)	MA2176 Basic Calculus and Linear Algebra (3-R)	MEEM2003 Mechanics (3-R)	MEEM2020 Engineering Workshop Practice (0-R)	MEEM2034 Introduction to Engg Matl & Mfg process (3-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)		18
	B	MA2172 Applied Statistic for Science & Engg (3-R)	MEEM2004 Engg Principles & Design (3-R)	MEEM2020 Engineering Workshop Practice (0-R)	MEEM2029 Electrical & Electronic Principles I (3-R)		Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	18
	S	MEEM2016 Computer Aided Engineering Drawing (3-R)	MEEM2020 Engineering Workshop Practice (0-R)				Lang / CCIV / OOD (3-R)			6
2	A	MA2181 Math. Methods for Engg. (3-R)	MEEM3025 Integ. Engg. Mgt I (3-R)	MEEM3027 Logistics & Mtrls. Mgt (3-R)	MEEM3034 Work Design (3-R)	MEEM3060 Operations Research (3-R)	MEEM3062 Quality Engg. I (3-R)			18
	B	MEEM3024 Ergonomics in Wrkplc. Design (3-R)	MEEM4020 Enterprise Info. Sys. (3-R)	Programme Elective 1 (3-E)	Programme Elective 2 (3-E)	Programme Elective 3 (3-E)		Lang / CCIV / OOD (3-R)		18
	S	Programme Elective 4 (3-E)	Programme Elective 5 (3-E)	(See note 5 below)						6*
3	A	MEEM4068 / 4069 Final Year Project (4-R)	Programme Elective 6 (3-E)	Programme Elective 7 (3-E)	CES FS4001 (4-R)					14
	B	MEEM4068 / 4069 Final Year Project (5-R)	Programme Elective 8 (3-E)	Programme Elective 9 (3-E)	CES FS4001 (4-R)					15
Legend:		R : Required E : Elective OOD : Out of Discipline / GE : General Education Lang : Language CCIV: Chinese Civilization					Total Credits Required (normal)			107

Note 1 : MEEM2020 has to be completed in Year 1 Semester A or 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 : Some elective courses are available for study in the evenings only. The maximum CU's to be taken per semester is **18, 7** for Summer term.

Note 4 : Courses can be taken in any order or in any year of study provided pre-requisite and pre-cursor requirements are satisfied.

Note 5*: These programme electives will be offered subject to availability of resources.

Model Study Path for BEIEEM (UGC-funded) (non-CES mode) 2010/2011 Entry

Yr	Sem	Programme Requirements					University Requirements			CU's
1	A	CS2363 Computer Programming (3-R)	MA2176 Basic Calculus and Linear Algebra (3-R)	MEEM2003 Mechanics (3-R)	MEEM2020 Engineering Workshop Practice (0-R)	MEEM2034 Introduction to Engg Matl & Mfg process (3-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)		18
	B	MA2172 Applied Statistic for Science & Engg (3-R)	MEEM2004 Engg Principles & Design (3-R)	MEEM2020 Engineering Workshop Practice (0-R)	MEEM2029 Electrical & Electronic Principles I (3-R)		Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	18
	S	MEEM2016 Computer Aided Engineering Drawing (3-R)	MEEM2020 Engineering Workshop Practice (0-R)				Lang / CCIV / OOD (3-R)			6
2	A	MA2181 Math. Methods for Engg. (3-R)	MEEM3025 Integ. Engg. Mgt I (3-R)	MEEM3027 Logistics & Mtrls. Mgt (3-R)	MEEM3034 Work Design (3-R)	MEEM3062 Quality Engg. I (3-R)				15
	B	MEEM3024 Ergonomics in Wrkplc. Design (3-R)	MEEM4020 Enterprise Info. Sys. (3-R)	Programme Elective 1 (3-E)	Programme Elective 2 (3-E)	Programme Elective 3 (3-E)	Lang / CCIV / OOD (3-R)			18
	S									0
3	A	MEEM4068 / 4069 Final Year Project (4-R)	MEEM3060 Operations Research (3-R)	Programme Elective 4 (3-E)	Programme Elective 5 (3-E)					13
	B	MEEM4068 / 4069 Final Year Project (5-R)	Programme Elective 6 (3-E)	Programme Elective 7 (3-E)						11
Legend :		R : Required E : Elective OOD : Out of Discipline / GE : General Education Lang : Language CCIV: Chinese Civilization					Total Credits Required (normal)			99

Note 1 : MEEM2020 has to be completed in Year 1 Semester A or 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 : Some elective courses are available for study in the evenings only. The maximum CU's to be taken per semester is **18, 7** for Summer term.

Note 4 : Courses can be taken in any order or in any year of study provided pre-requisite and pre-cursor requirements are satisfied.