

Model Study Path for BEIEEM (UGC-funded, Full-Time) (non-CES mode) 2008/2009 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)	MEEM3042 Reliability & Quality Eng. (3-R)	MEEM3060 Operations Research (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	MEEM3054 Manufacturing Project (0-R)								0
3	A	MEEM4068 / 4069 Final Year Project (4-R)	Programme Elective 4 (3-E)	Programme Elective 5 (3-E)						10
	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	Lang : Language	Total Credits Required (normal)			99	

Note 1 : MEEM2020 has to be completed in Year 1 Semester A or 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 : 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 : Non-CES students must take MEEM3054 Manufacturing Project or the IAS in the Summer after Year 2.

Model Study Path for BEIEEM (UGC-funded, Full-Time) (CES mode) 2008/2009 Entry

Yr	Sem	Programme Requirements					University Requirements			CUs
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)	MEEM3042 Reliability & Quality Eng. (3-R)	MEEM3060 Operations Research (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)							6
3	A	MEEM4068 / 4069 Final Year Project (4-R)	Programme Elective 6 (3-E)	CES FS4001 (4-R)						11
	B	MEEM4068 / 4069 Final Year Project (5-R)	Programme Elective 7 (3-E)	CES FS4001 (4-R)						12
Legend:		R : Required	E : Elective	OOD : Out of Discipline		Lang : Language		Total Credits Required (normal)		107

Note 1 : MEEM2020 has to be completed in Year 1 Semester A or 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 : Some elective courses are available for study in the evenings only. The maximum CUs 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.

Model Study Path for BEIEEM (Non-UGC-funded, Part-time) 2008-2009 Entry

Year	Sem	Programme Requirements	University Requirements	CU		
1	A	MEEM2016 Computer Aided Engineering Drawing (3-R)	MA2176 Basic Calculus and Linear Algebra (3-R)	EN2281 Eng. Lang. Skills for Tech. Studies I	9+	
	B	CS2363 Computer Programming (3-R)	MA2172 Applied Statistics for Science & Engg (3-R)	EN2282 Eng. Lang. Skills for Tech. Studies II	9+	
	S	MEEM2034 Introduction to Engg Matl & Mfg process (3-R)		Out-of-Discipline Courses / Chinese Civilization Courses (6 credits - choose as per convenience)	3+	
2	A	MEEM2003 Mechanics (3-R)	MEEM2029 Electrical & Electronic Principles I (3-R)		MA2181 Math. Methods for Engg. (3-R)	9+
	B	MEEM2004 Engg Principles & Design (3-R)	MEEM3060 Operations Research (3-R)		MEEM3034 Work Design (3-R)	9+
	S	Programme Elective 1 (3-E)	Programme Elective 2 (3-E)			6+
3	A	MEEM3024 Ergonomics in Workplace Design (3-R)	MEEM3027 Logistics & Materials Mgt. (3-R)		Programme Elective 3 (3-E)	9+
	B	MEEM3025 Integ. Engg. Mgt I (3-R)	MEEM3042 Reliability & Quality Eng. (3-R)		Programme Elective 4 (3-E)	9+
	S	Programme Elective 5 (3-E)	Programme Elective 6 (3-E)			6+
4	A	MEEM4068 / 4069 FY Project (4-R)	Programme Elective 7 (3-E)			7+
	B	MEEM4068 / 4069 FY Project (5-R)	MEEM4020 Enterprise Info. Sys. (3-R)			8+

Legend : R : Required E : Elective

MEEM3054 Manufacturing Project normally will be granted credit transfer to non-UGC funded students.

*Total credit units required for graduation is 99, but 9 CUs of CCIV/OOD were waived by the FSE for non-UGC funded, part-time students. i.e. 90 CUs minimum is required for BEIEEM non-UGC funded, part-time programme.

84+