

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

Yr	Sem	Programme Requirements					University Requirements			CU's	
1	A	MA2176 Basic Calculus and Linear Algebra (3-R)	MEEM2003 Mechanics (3-R)	MEEM2034 Introduction to Engg Materials & Mfg Processes (3-R)	CS2363 Computer Programming (3-R)	MEEM2020 Engg Workshop Practice (0-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)		18	
	B	MA2177 Engg Mathematics and Statistics (3-R)	MEEM2004 Engg Principles and Design (3-R)	MEEM2029 Electrical and Electronic Prin. I (3-R)	MEEM2020 Engg Workshop Practice (0-R)		Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	18	
2	S	MEEM2016 Computer Aided Engg Drawing (3-R)	MEEM2020 Engg Workshop Practice (0-R)				Lang / CCIV / OOD (3-R)			6	
	A	MEEM3006 Plastics Engineering (3-R)	MEEM3007 CAD/CAM (3-R)	MEEM3027 Logistics & Materials Mgt (3-R)	MEEM3040 Engineering Database & Sys (3-R)	MEEM3062 Quality Engineering I (3-R)	Lang / CCIV / OOD (3-R)			18	
	B	MEEM3050 Design for Manufacture (3-R)	MEEM4005 Computer Aided Engineering (3-R)	MEEM4048 Advanced Manufacturing Technologies (3-R)	Programme Elective 1 (3-E)	Programme Elective 2 (3-E)	Programme Elective 3 (3-E)			18	
3	S	Programme Elective 4 (3-E)	Programme Elective 5 (3-E)	(See note 5 below)						6*	
	A	CES FS4001 (4-R)	MEEM4068 / 4069 Final Year Project (4-R)	MEEM4015 Intelligent Automation (3-R)	Programme Elective 6 (3-E)					14	
	B	CES FS4001 (4-R)	MEEM4068 / 4069 Final Year Project (5-R)	Programme Elective 7 (3-E)	Programme Elective 8 (3-E)					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 Engineering Workshop Practice has to be completed in Year one 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 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.

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

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

Yr	Sem	Programme Requirements					University Requirements			CU's
1	A	MA2176 Basic Calculus and Linear Algebra (3-R)	MEEM2003 Mechanics (3-R)	MEEM2034 Introduction to Engg Materials & Mfg Processes (3-R)	CS2363 Computer Programming (3-R)	MEEM2020 Engg Workshop Practice (0-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)		18
	B	MA2177 Engg Mathematics and Statistics (3-R)	MEEM2004 Engg Principles and Design (3-R)	MEEM2029 Electrical and Electronic Prin. I (3-R)	MEEM2020 Engg Workshop Practice (0-R)		Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	Lang / CCIV / OOD (3-R)	18
2	S	MEEM2016 Computer Aided Engg Drawing (3-R)	MEEM2020 Engg Workshop Practice (0-R)				Lang / CCIV / OOD (3-R)			6
	A	MEEM3006 Plastics Engineering (3-R)	MEEM3007 CAD/CAM (3-R)	MEEM3027 Logistics & Materials Mgt (3-R)	MEEM3040 Engineering Database & Sys (3-R)	MEEM3062 Quality Engineering I (3-R)	Lang / CCIV / OOD (3-R)			18
	B	MEEM3050 Design for Manufacture (3-R)	MEEM4005 Computer Aided Engineering (3-R)	MEEM4048 Advanced Manufacturing Technologies (3-R)	Programme Elective 1 (3-E)	Programme Elective 2 (3-E)	Programme Elective 3 (3-E)			18
3	S									0
	A	MEEM4068 / 4069 Final Year Project (4-R)	MEEM4015 Intelligent Automation (3-R)	Programme Elective 4 (3-E)						10
	B	MEEM4068 / 4069 Final Year Project (5-R)	Programme Elective 5 (3-E)	Programme Elective 6 (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 Engineering Workshop Practice has to be completed in Year one 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 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.