

## CADANGAN PELAN PENGAJIAN EH110 (PAKEJ 3)

SEM	KOD	KURSUS	Pra-Syarat	Jam Kredit	S	T	M
1	BEL120	Consolidating Language Skills	-	3	6	0	0
	CTU101*	Fundamentals of Islam	-	2	2	0	0
	KKR1	Co - curriculum I	-	1	-	-	-
	CSC123	Computer Programming	-	4	2	0	2
	MAT133	Precalculus	-	3	3	1	0
	CHE115	General Chemistry	-	3	3	1	0
	CHE175	Engineering Physics	-	4	3	1	2
				20			
2	BEL 260	Preparatory Course for MUET	BEL120	3	6	0	0
	CTU151*	Islamic Thought and Civilization	-	2	2	0	0
	KKR2	Co - curriculum II	-	1	-	-	-
	MAT183	Calculus I	MAT133	3	3	1	0
	MEM160	Workshop Practice	-	2	1	0	3
	CHE185	Engineering Chemistry	-	3	3	1	0
	CHE195	Process Chemistry	CHE115	3	3	1	-
				17			
3	CTU211*	Science and Technology in Islam	-	2	2	0	0
	BEL311	English for Academic Purposes	BEL260	3	6	0	0
	KKR3	Co - curriculum III	-	1	-	-	-
	CHE213	Fluid Mechanics	-	3	3	1	0
	CHE225	Hydrocarbon Chemistry	CHE185	3	3	1	0
	CHE235	Chemistry Laboratory	-	1	0	0	3
	CHE253	Thermodynamics	-	3	3	1	0
				16			
4	MAT235	Calculus II for Engineers	MAT183	3	3	1	0
	CHE262	Chemical Processes & Sustainability	-	3	3	1	0
	CHE271	Materials & Energy Balance	-	4	4	1	0
	CHE303	Heat Transfer	-	3	3	1	0
	QMT245	Industrial Statistics	-	3	3	1	0
				16			
5	ENT300	Fundamentals of Entrepreneurship	-	3	3	1	0
	MAT285	Further Mathematics for Engineers	MAT183	3	3	1	0
	CHE304	Introduction to Chemical Reaction Engineering	-	2	2	1	0
	CHE311	Mass Transfer & Unit Operations	-	3	3	1	0
	CHE331	Chemical Engineering Laboratory	-	1	0	0	3
	CHE334	Engineering Graphics	-	2	1	1	2
				14			
6	MGT340	Human Resource Management	-	3	4	0	0
	CHE301	Occupational Safety and Health	-	3	3	1	0
	CHE314	Basic Instrumentation and Control	-	2	1	0	2
	CHE324	Process Plant Operations & Maintenance	-	3	3	0	2
	CHE364	Project	-	4	0	0	6
				15			
<b>JUMLAH</b>				<b>98</b>			

\*Pelajar bukan Islam :

CTU101 diganti dengan IDA102: Manusia dan Agama

CTU151 diganti dengan IDA152: Islam dan Pembangunan

CTU211 diganti dengan IDA202: Kemasyarakatan Islam