

**Curriculum Structure**  
**Bachelor of Chemical Engineering (BKC)**

Year	Code	Course	Cr	Pre-requisite		Parallel	Equivalence
				Taken	Pass		
1	UHL2412	English For Academic Communication	2				
	UQB1**1	Co-Curriculum I	1				
	BUM2133	Ordinary Differential Equations	3				
	BKF1253	Physical Chemistry	3				BKF1213
	BKF1323	Organic Chemistry	3				
	BKF1513	Engineering Ethics & Professionalism	3				
	BKF2751	Basic Science & Engineering Lab	1				BKF2731
	UHL2422	English For Technical Communication	2	UHL2412			
	UHS1021	Soft Skills 1	1				
	BUM2123	Applied Calculus	3				
	BKF1243	Analytical Chemistry	3				BUK1413
	BKF1313	Engineering Mechanics	3				BKC1113
	BKF1333	Thermodynamics	3				
<b>Total</b>			<b>31</b>				
2	UHR1012	Islamic And Asian Civilisations 1	2				
	BUM2413	Applied Statistics	3				
	BKF1332	Electrical & Instrumentation Technology	2				BKF1322
	BKF2413	Chemical Engineering Thermodynamics	3			BKF1333	BKC2333
	BKF2353	Fluid Mechanics	3				BKC2133
	BKF2343	Material & Energy Balance	3				BKC2313
	UHL2432	English For Professional Communication	2	UHL2422			
	BKF2143	Computer Programming For Engineers	3				
	BKF2423	Heat Transfer	3				BKF2422
	BKF2432	Mass Transfer	2				BKF3543
	BKF2443	Numerical Methods & Optimization	3	BUM2133 BKU1023			BKC3513
	BKC3363	Science & Engineering Materials	3				
	BKF2453	Chemical Reaction Engineering I	3	BKF2343			BKB3223 BKC3343
BKF3741	Chemical Reaction Engineering Lab	1			BKF2453	BKF2741	
<b>Total</b>			<b>36</b>				
3	UHM2022	Ethnic Relations	2				
	UQ*2**1	Co-Curriculum II	1				
	BKF3553	Process Simulation and Computer Aided Design	3				BKF3522
	BKC3533	OSH in Chemical Industries	3				
	BKF3463	Unit Operation	3	BKF2343			BKC3413
	UHF11*1	Foreign Languages Level I	1				
	UHS 2021	Soft Skills 2	1	UHS1021			
	UGE2002	Technopreneurship	2				
	BKF3413	Process Control & Dynamic	3			BKF2343	BKF3483
	BKF3472	Chemical Reaction Engineering II	2	BKF2453			**BKF3472
	BKC3492	Separation Process	2	BKF2343			BKC3423
	BKF3731	Unit Operation Lab	1			BKF3463	BKF3781
	BKC3**3	Elective 1	3				
BKC3922	Undergraduate Research Project I	2	BKF3463				
BKF4791	Process Control & Instrumentation Lab	1			BKF3413		
BKF4142	Process Engineering Economics	2					
<b>Total</b>			<b>32</b>				
Short Sem	BKF4916	Industrial Training	6				BKB4916 BKC4916 BKG4916
	<b>Total</b>			<b>6</b>			
4	UHE3**2	Elective Courses	2				
	UHF21*1	Foreign Languages Level 2	1	UHF11*1			
	BKF3812	Process Engineering Management	2				
	BKC3913	Process & Plant Design I	3	BKF3463 BKF2453			BKB3913 BKG3913
	BKC4934	Process & Plant Design II	4		BKC3912 BKC3913		
	BKC4944	Undergraduate Research Project II	4		BKC3922		
	BKC 3**3	Elective 2	3				
	BKC4**3	Elective 3	3				
	BKC3543	Environmental Engineering	3				BKB3513
<b>Total</b>			<b>25</b>				
<b>Total Credit</b>			<b>130</b>				

Note : Pre-requisite BKB4934 Process & Plant Design II iaitu bagi BKC3913 Process & Plant Design I akan diaktifkan pada Tahun 2016

Di semak oleh (1) :

Di semak oleh (2)

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