



**Study Plan (Pelan Pengajian)**  
**Diploma in Chemical Engineering Technology (DAK)**  
**Session for Intake 2022/2023 Onwards**

Year 0

Sem	Course Code	Course Name	Credit
0	UQI 10402	Pengantar Pengajian Islam/ Pengajian Moral	2
	UQU 10403	Pengantar Kenegaraan dan Pembangunan Malaysi	3
	UWB 1**02	Foreign Language	2
<b>Total</b>			<b>7</b>

Year 1

Sem	Course Code	Course Name	Credit
1	UHB 10302	English for Academic Survival	2
	UQ* 1***1	Co-Curriculum I	1
	DAS 11003	Technical Mathematics I	3
	DAK12903	Mass and Energy Balance	3
	DAK13003	Physics for Engineering Technology	3
	DAK12403	Fluid Mechanics	3
	DAK12201	Chemical Engineering Technology Lab	1
	DAK13303	Foundation of Chemical Engineering Techno	3
<b>Total</b>			<b>19</b>

Sem	Course Code	Course Name	Credit
2	UQ*1***1	Co-Curriculum II	1
	UHB 20302	Academic Communication	2
	UQI 11402	Falsafah dan Isu Semasa	2
	DAS 11103	Technical Mathematics II	3
	DAK 13102	Occupational Safety and Health	2
	DAK10502	Engineering Drawing	2
	DAK12603	Analytical Chemistry	3
	DAK 14503	Environmental Engineering Technology	3
	DAK13201	Scientific Writing	1
	<b>Total</b>		

Year 2

Sem	Course Code	Course Name	Credit
3	UHB 30502	English for Workplace	2
	DAS 21002	Technical Mathematics III	2
	DAK23903	Separation Engineering Technology	3
	DAK20903	Cell & Tissue Engineering Technology	3
	DAK22002	Organic Chemistry	2
	DAK20703	Thermodynamic	3
	DAK20701	Thermodynamic Lab	1
	DAK21402	Chemical Engineering Project I	2
<b>Total</b>			<b>18</b>

Sem	Course Code	Course Name	Credit
4	DAN 20103	Business and Entrepreneurship	3
	DAK20802	Wastewater Treatment Technology	2
	DAK22303	Chemical Reaction Engineering	3
	DAK23703	Fermentation Process Technology	3
	DAK22803	Process Control and Instrumentation	3
	DAK20801	Separation Lab	1
	DAK21803	Chemical Engineering Project II	3
<b>Total</b>			<b>18</b>

Year 3

Sem	Course Code	Course Name	Credit
5			
	DAK31511	Industrial Training	11
<b>Total</b>			<b>11</b>

<b>TOTAL KREDIT</b>			<b>92</b>
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