



**DIPLOMA IN CHEMICAL ENGINEERING TECHNOLOGY  
(DAK)  
STARTING COHORT 2023**

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
1	UQ* 1***1	Co-Curriculum I	0	0	3	3	1	
	UHB 13003	Introduction to English Communication	3	0	0	3	3	
	DAS 11003	Technical Mathematics I	2	2	0	4	3	
	DAK12903	Mass and Energy Balance	2	2	0	4	3	
	DAK13003	Physics for Engineering Technology	2	2	0	4	3	
	DAK12403	Fluid Mechanics	2	0	3	5	3	
	DAK12201	Chemical Engineering Technology Lab	0	0	3	3	1	
	DAK13303	Foundation of Chemical Engineering	2	2	0	4	3	
<b>Total</b>							<b>30</b>	<b>20</b>

**Year 2**

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
1	UHB 10*02	Foreign Language	1	2	0	3	2	
	DAS 21002	Technical Mathematics III	2	0	0	2	2	
	DAK23903	Separation Engineering Technology	2	2	0	4	3	
	DAK 20903	Cell & Tissue Engineering Technology	2	0	3	5	3	
	DAK 22002	Organic Chemistry	2	0	0	2	2	
	DAK20703	Thermodynamic	2	2	0	4	3	
	DAK 20701	Themodynamic Lab	0	0	3	3	1	
	DAK21402	Chemical Engineering Project I	0	0	6	6	2	
<b>Total</b>							<b>29</b>	<b>18</b>

**Year 3**

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
1	DAC 31011	Industrial Training	20 weeks					11
	<b>Total</b>							<b>11</b>

**Special Semester**

Sem	Course Code	Course Name	L	T	L	SLT	Credit
Special	/UQJ 11502	Pengantar Pengajian Islam/ Pengajian Moral	2	0	0	2	2
	UQU 10403	Pengantar Kenegaraan dan Pembangunan	3	0	0	3	3
	DAK 13102	Occupational Safety and Health	2	0	0	2	2
	<b>Total</b>						

**Year 1**

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
2	UQ*1***1	Co-Curriculum II	0	0	3	3	1	
	UHB 23003	English for Career Development	3	0	0	3	3	
	UQI 11402	Falsafah dan Isu Semasa	2	0	0	2	2	
	DAS 11103	Technical Mathematics II	2	2	0	4	3	
	DAK13201	Scientific Writing	0	0	3	3	1	
	DAK10502	Engineering Drawing	0	0	4	4	2	
	DAK12603	Analytical Chemistry	2	0	3	5	3	
	DAK 14503	Environmental Engineering Technology	2	0	3	5	3	
	UHB 10*02							
	<b>Total</b>							<b>29</b>

Sem	Course Code	Course Name	L	T	L	SLT	Credit	
2	DAN 20103	Business and Entrepreneurship	3	0	0	3	3	
	DAK20802	Wastewater Treatment Technology	2	0	0	2	2	
	DAK22303	Chemical Reaction Engineering	2	0	3	5	3	
	DAK23703	Fermentation Process Technology	0	0	6	6	3	
	DAK22803	Process Control and Instrumentation	2	0	3	5	3	
	DAK 20801	Separation Lab	0	0	3	3	1	
	DAK21803	Chemical Engineering Project II	0	0	9	9	3	
<b>Total</b>							<b>33</b>	<b>18</b>

<b>TOTAL CREDIT</b>							<b>92</b>
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