

## Curriculum Structure

### Diploma In Chemical Engineering (Process Plant)(DKK)

LEVEL	CURRICULUM STRUCTURE				PRE-REQUISITE	EQUIVALENCE	
	SEM	CODE	COURSE	CrH			
YEAR 1	0 (SHORT SEM)	UHL1412	FOUNDATION ENGLISH	2			
		DUM1113	BASIC MATHEMATICS	3			
		UQB1011	BRIDGED SISWA (KOKURIKULUM I)	1			
				<b>Total Credit Hours</b>	<b>6</b>		
	1		UHR1012	ISLAMIC AND ASIAN CIVILISATIONS I	2		
			UHL1422	ENGLISH FOR ACADEMIC SKILLS	2		
			DUK1113	GENERAL CHEMISTRY I	3		
			DUF1113	PHYSICS	3		
			UHS1021	SOFT SKILLS 1	1		
			DKK1352	ELECTRICAL TECHNOLOGY	2		
			DKK1781	BASIC SCIENCE & ENGINEERING LAB	1		DKK1751
			DKK1524	COMPUTER APPLICATION & ENGINEERING GRAPHICS	4		DKK1132 DKK1512
			<b>Total Credit Hours</b>	<b>18</b>			
	2		UHL1432	ENGLISH FOR OCCUPATIONAL COMMUNICATION	2		
			UHS2021	SOFT SKILLS 2	1		
			DUM1123	CALCULUS	3		
			DUK1123	GENERAL CHEMISTRY II	3		
			DKK1413	MATERIAL & ENERGY BALANCES	3	DUM1113	
			DKK1493	TRANSPORT PROCESSES	3		
		DKK1761	MASS AND HEAT TRANSFER LAB	1			
		DKK1771	ANALYTICAL INSTRUMENTAL LAB	1			
		<b>Total Credit Hours</b>	<b>17</b>				
YEAR 2	3	UGE1002	ASAS PEMBUDAYAAN KEUSAHAWANAN	2			
		UHM2022	ETHNIC RELATIONS	2			

LEVEL	CURRICULUM STRUCTURE				PRE-REQUISITE	EQUIVALENCE	
	SEM	CODE	COURSE	CrH			
		DKK2333	THERMODYNAMICS	3		DKK2253	
		DKK2433	CHEMICAL REACTION ENGINEERING	3	DKK1413		
		DKK2363	ENGINEERING MECHANICS	3			
		DKK2771	CHEMICAL REACTION LAB	1			
		DKK2142	PLANT SUPERVISION	2			
		DKK2523	ENVIRONMENTAL ENGINEERING	3			
			<b>Total Credit Hours</b>	<b>19</b>			
	4						
		DKK2373	FLUID MECHANICS	3		DKK2233	
		DKK2462	PLANT COMMISSIONING & START-UP	2			
		DKK2473	PLANT SAFETY & HEALTH	3			
		DKK2483	PLANT UTILITY	3			
		DKK2443	PROCESS INSTRUMENTATION & CONTROL (EMBEDDED LAB)	3			
DKK2464		UNIT OPERATIONS (EMBEDDED LAB)	4	DKK1413			
		<b>Total Credit Hours</b>	<b>18</b>				
YEAR 3	5						
		DKK3919	INDUSTRIAL TRAINING	9			
		DKK3933	INDUSTRIAL TRAINING REPORT	3			
		<b>Total Credit Hours</b>	<b>12</b>				
<b>TOTAL CREDIT HOURS</b>				<b>90</b>			