

Institute	UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEE					
Semester	January 2017					
Section	BIOENGINEERING TECHNOLOGY SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CBB20003	PRINCIPLES OF MICROBIOLOGY			45	
2	CBB20104	PRINCIPLES OF BIOPROCESS ENGINEERING TECHNOLOGY			45	
3	CBB20203	FERMENTATION TECHNOLOGY			55	
4	CBB20303	BIOCHEMISTRY			50	
5	CBB30303	BIOMOLECULAR TECHNIQUES			30	
6	CBB30503	BIO-PHARMACEUTICAL			20	
7	CBB30504	BIOPROCESS PLANT & EQUIPMENT DESIGN			50	
8	CBB30703	ENZYME TECHNOLOGY			30	
9	CBB30902	BIOPLANT DESIGN PROJECT 1			70	
10	CBB40104	BIOPLANT DESIGN PROJECT 2			10	
11	CEB31003	ENVIRONMENTAL MICROBIOLOGY			10	
12	CEB31103	ENVIRONMENTAL MONITORING			30	
13	CJB30003	PALM OIL TECHNOLOGY 1			20	
14	CJB30303	AQUA PRODUCTS, MEAT & DAIRY TECHNOLOGY			30	
15	CJB30403	PRODUCT FORMULATION & DOSAGE FORM			20	
16	CJB30503	PRODUCT DEVELOPMENT PROCESS			20	
17	CKB20003	PROCESS CONTROL			30	
18	CLB10603	MICROBIAL TECHNOLOGY			40	
19	CSB20203	PROPERTIES OF BIOLOGICAL ENGINEERING MATERIALS			30	
20	CSB30304	BIOPLANT DESIGN 2			40	
21	CSB30403	PACKAGING ENGINEERING			40	

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Section	BIOENGINEERING TECHNOLOGY SECTION				
Level of Study	Diploma				
	Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CBD20003 INTRODUCTION TO BIOPROCESS TECHNOLOGY			40	
2	CBD20102 QUALITY ASSURANCE & QUALITY CONTROL			40	
3	CBD20203 PRINCIPLE OF MICROBIOLOGY			40	
4	CBD30003 ANALYTICAL METHODS IN BIOPROCESSING			40	

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		January 2017				
		CHEMICAL ENGINEERING TECH SECTION				
		Bachelor				
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CJB40403	MANAGEMENT FOR CHEMICAL ENGINEERING TECHNOLOGISTS			210	
2	CJB40503	MARKETING FOR CHEMICAL TECHNOLOGISTS			30	
3	CJB40603	ORGANIZATIONAL BEHAVIOUR IN CHEMICAL ENGINEERING TECHNOLOGY			30	
4	CKB20104	REACTION ENGINEERING			240	
5	CKB30103	INDUSTRIAL SAFETY & HEALTH			105	
6	CLB10904	CHEMICAL PROCESS PRINCIPLES			130	
7	CLB11003	FLUID MECHANICS			130	
8	CLB20703	CHEMICAL ENGINEERING THERMODYNAMICS			75	
9	CLB20804	MASS TRANSFER I			70	
10	CLB21003	PROCESS HEAT TRANSFER			80	
11	CLB21103	PROCESS INSTRUMENTATION			330	
12	CPB20004	PLANT UTILITIES AND MAINTENANCE			120	
13	CPB20104	MASS TRANSFER 2			100	
14	CPB30004	PROCESS DYNAMICS & CONTROL			45	
15	CPB30103	BIOCHEMICAL ENGINEERING			45	
16	CPB30303	OIL & FAT PROCESS TECHNOLOGY			75	
17	CPB30503	PETROCHEMICALS & PETROLEUM REFINING TECHNOLOGY			105	
18	CPB30603	QA & QC IN CHEMICAL ENGINEERING			105	
19	CPB30703	DESIGN PROJECT 1 (DESIGN & FEASIBILITY STUDY OF PLANT)			50	
20	CPB30803	DESIGN PROJECT 2 (PLANT & PROCESS OPTIMIZATION)			105	

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Level of Study	Bachelor				
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21	CPB40103 ENVIRONMENTAL ISSUES & WASTE MANAGEMENT			30	

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Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CKD20002	REACTOR TECHNOLOGY			210	
2	CKD20103	SEPARATION TECHNOLOGY			210	
3	CLD10603	FLUID MECHANICS			90	
4	CPD20002	PLANT UTILITY AND SAFETY			70	
5	CPD20103	PETROCHEMICAL & PETROLEUM REFINING TECHNOLOGY			70	
6	CPD20202	ENVIRONMENTAL CONTROL & MANAGEMENT			70	
7	CPD20302	PROCESS CONTROL			70	
8	CPD20402	PILOT PLANT OPERATION 1			70	
9	CPD30002	QUALITY CONTROL & QUALITY ASSURANCE			30	
10	CPD30103	PLANT MAINTENANCE & INSPECTION			30	
11	CPD30203	OIL & FAT PROCESS TECHNOLOGY			30	
12	CPD30302	PILOT PLANT OPERATION 2			30	

Institute	UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEE					
Semester	January 2017					
Section	FOOD TECHNOLOGY SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CFB20303	FOOD MICROBIOLOGY			50	
2	CFB20504	FOOD PROCESS ENGINEERING			80	
3	CFB20603	FOOD ANALYSIS 1			50	
4	CFB30103	FOOD SENSORY AND EVALUATION			50	
5	CFB30203	FOOD PACKAGING TECHNOLOGY			105	
6	CFB30403	FOOD PLANT DESIGN 1			105	
7	CFB30703	FOOD PRODUCTS DESIGN & DEVELOPMENT			30	
8	CFB30902	HALAL TECHNOLOGY			105	
9	CFB30903	FOOD INGREDIENTS			80	

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	Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CFD20002 QUALITY ASSURANCE & QUALITY CONTROL IN FOOD INDUSTRIES			20	
2	CFD20203 FOOD MICROBIOLOGY			55	
3	CFD20302 FOOD CHEMISTRY			55	
4	CFD30003 FOOD ANALYSIS			55	
5	CFD30303 SENSORY EVALUATION OF FOOD			55	

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Semester	January 2017					
Section	ENVIRONMENT TECHNOLOGY SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CEB20103	SURFACE AND GROUNDWATER HYDROLOGY			40	
2	CEB20202	ENVIRONMENTAL, OCCUPATIONAL SAFETY & HEALTH LAW			40	
3	CEB20303	ENVIRONMENTAL MICROBIOLOGY & CHEMISTRY			40	
4	CEB30002	ENVIRONMENTAL MANAGEMENT SYSTEM			10	
5	CEB30103	POLLUTION PREVENTION & INDUSTRIAL WASTE MINIMIZATION			40	
6	CEB30202	ENVIRONMENTAL IMPACT ASSESSMENT			40	
7	CEB30403	AIR POLLUTION CONTROL TECHNOLOGY			30	
8	CEB30503	WASTEWATER TREATMENT TECHNOLOGY			40	
9	CEB30703	WATER TREATMENT TECHNOLOGY			40	
10	CEB30803	PRINCIPLES OF TOXICOLOGY & RISK ASSESSMENT			40	
11	CEB30903	SOLID AND HAZARDOUS WASTE MANAGEMENT			170	
12	CEB40004	ENVIRONMENTAL ENGINEERING DESIGN			10	
13	CEB40403	ENVIRONMENTAL ENGINEERING PROBLEM SOLVING			10	
14	CEB40503	REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM IN ENVIRONMENTAL ENGINEERING TECHNOLOGY			10	
15	CEB40603	INTRODUCTION TO RENEWABLE ENERGY			10	

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Section	ENVIRONMENT TECHNOLOGY SECTION				
Level of Study	Diploma				
	Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CED20004 ENVIRONMENTAL SCIENCE			30	
2	CED20103 NOISE CONTROL TECHNOLOGY			30	

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Semester	January 2017
Section	POLYMER ENG TECH SECTION
Level of Study	Bachelor

		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CRB20104	LATEX TECHNOLOGY			30	
2	CRB30003	COMPOSITE TECHNOLOGY			30	
3	CRB30304	POLYMER TESTING AND CHARACTERIZATION			40	
4	CRB30403	POLYMER REACTION ENGINEERING			40	
5	CRB30503	POLYMER ADDITIVES AND BLENDS			30	
6	CRB40203	RUBBER ENGINEERING			35	
7	CRB40502	POLYMER RHEOLOGY			40	
8	CRB40503	BIO-POLYMER			35	

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Section	POLYMER ENG TECH SECTION					
Level of Study	Diploma					
	Subject		Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CRD20003	INTRODUCTION TO POLYMER SCIENCE AND TECHNOLOGY			30	
2	CRD20204	PLASTIC PROCESSING			30	
3	CRD30204	RUBBER PROCESSING			30	

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Semester	January 2017					
Section	TECHNICAL FOUNDATION SECTION					
Level of Study	Bachelor					
	Subject		Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CLB10503	PRINCIPLES OF PROGRAMMING			200	
2	CLB10803	ANALYTICAL & ORGANIC CHEMISTRY			130	
3	CLB19203	MATHEMATICS 1			80	
4	CLB19303	MATHEMATICS 2			250	
5	CPB20203	NUMERICAL METHODS IN CHEM..ENG.			120	

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Level of Study	Diploma				
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1	CLD10302 ORGANIC CHEMISTRY			90	
2	CLD10402 ANALYTICAL CHEMISTRY			90	

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		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	MPU3123	TAMADUN ISLAM & TAMADUN ASIA (TITAS)			60	
2	MPU3143	BAHASA MELAYU KOMUNIKASI 2			10	
3	MPU3232	TECHNOPRENEURSHIP			255	
4	MPU3333	ISU-ISU KONTEMPORARI MUSLIM DI MALAYSIA			130	
5	MPU3343	CULTURE AND LIFESTYLE IN MALAYSIA			10	
6	MPU3462	SISWA SISWI PERTAHANAN AWAM 2			240	
7	NCB10303	MATHEMATICS FOR ENGINEERS 2			30	
8	NCB20103	COMPUTER PROGRAMMING FOR ENGINEERS			30	
9	NCB20203	STATISTICS FOR ENGINEERS			60	
10	NCB49705	INDUSTRIAL TRAINING			55	
11	NCB49802	ENGINEERING FINAL YEAR PROJECT 1			10	
12	NKB10402	CHEMICAL ENGINEERING LABORATORY 1			30	
13	NKB10603	FLUID MECHANICS			30	
14	NKB10704	MATERIAL AND ENERGY BALANCE			30	
15	NKB20403	MOMENTUM TRANSFER			60	
16	NKB20503	PROCESS ANALYSIS AND SIMULATION			60	
17	NKB20603	REACTION ENGINEERING			60	
18	NKB30202	CHEMICAL ENGINEERING LABORATORY 2			60	
19	NKB30603	PETROCHEMICALS AND PETROLEUM REFINING TECHNOLOGY			55	
20	NKB30703	PLANT DESIGN AND MANAGEMENT SYSTEM			55	

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21	NKB30803	PROCESS CONTROL AND INSTRUMENTATION			55	
22	NKB30903	PROCESS DESIGN AND ECONOMICS			55	
23	NKB31003	QUALITY ASSURANCE AND QUALITY CONTROL IN CHEMICAL ENGINEERING			55	
24	WBB10202	INNOVATION MANAGEMENT			425	
25	WEB10302	FUNDAMENTAL ENGLISH			200	
26	WEB20202	PROFESSIONAL ENGLISH 1			360	
27	WIB39908	INDUSTRIAL TRAINING			350	
28	WPB49804	FINAL YEAR PROJECT 1			430	
29	WPB49906	FINAL YEAR PROJECT 2			30	

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1	WED20202 COMMUNICATION ENGLISH 1			90	
2	WGD10103 INTERPERSONAL SKILLS			90	
3	WID39908 INDUSTRIAL TRAINING			270	
4	WMD10101 MANDARIN 1			190	
5	WMD10201 MANDARIN 2			250	
6	WPD39806 FINAL YEAR PROJECT			40	