

		UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEER				
		July 2017				
		BIOENGINEERING TECHNOLOGY SECTION				
		Bachelor				
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CBB20203	FERMENTATION TECHNOLOGY			10	
2	CBB20303	BIOCHEMISTRY			10	
3	CBB20402	QA & QC IN BIOPROCESS			50	
4	CBB30013	WASTE MANAGEMENT AND TREATMENT			70	
5	CBB30204	BIOSEPARATIONS ENGINEERING TECHNOLOGY			60	
6	CBB30303	BIOMOLECULAR TECHNIQUES			50	
7	CBB30404	BIOPRODUCT AND BIOPROCESS DEVELOPMENT			50	
8	CBB30703	ENZYME TECHNOLOGY			80	
9	CBB40104	BIOPLANT DESIGN PROJECT 2			75	
10	CBB40203	DNA TECHNOLOGY			10	
11	CEB31203	ENVIRONMENTAL BIOTECHNOLOGY			10	
12	CEB40103	BIOREMEDIATION			10	
13	CJB40003	PALM OIL TECHNOLOGY 2			20	
14	CJB40203	VALIDATION AND REGULATION OF PHARMACEUTICAL PRODUCTS			10	
15	CJB40303	PHYTOPHARMACEUTICAL TECHNOLOGY			10	
16	CJB40703	TECHNOLOGY AND PROCESSING OF SELECTED FOOD COMMODITIES			20	
17	CLB11103	BIOLOGY OF CELLS			30	
18	CLB21403	ENGINEERING DESIGN			120	
19	CSB30003	QUALITY ASSURANCE IN BIO-PRODUCT			30	
20	CSB30103	DOWNSTREAM PROCESSING OF BIO-PRODUCT			30	
21	CSB30302	BIOPLANT DESIGN 1			30	

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Semester	July 2017					
Section	BIOENGINEERING TECHNOLOGY SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
22	CSB30303	SCALE UP PROCESS AND OPTIMIZATION			30	
23	CSB30503	BIO-RESOURCE UTILIZATION			42	

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Semester	July 2017					
Section	BIOENGINEERING TECHNOLOGY SECTION					
Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CBD30102	BIOPRODUCT PROCESS DEVELOPMENT			40	
2	CBD30203	TECHNIQUES IN BIOPRODUCT RECOVERY			40	
3	CBD30302	BIOREMEDIATION PROCESS IN WATER POLLUTANTS			40	
4	CBD30403	BIOPROCESS PLANT & EQUIPMENT			40	

Institute	UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEE					
Semester	July 2017					
Section	CHEMICAL ENGINEERING TECH SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CJB40403	MANAGEMENT FOR CHEMICAL ENGINEERING TECHNOLOGISTS			35	
2	CJB40503	MARKETING FOR CHEMICAL TECHNOLOGISTS			220	
3	CJB40603	ORGANIZATIONAL BEHAVIOUR IN CHEMICAL ENGINEERING TECHNOLOGY			140	
4	CKB20104	REACTION ENGINEERING			70	
5	CKB30103	INDUSTRIAL SAFETY & HEALTH			250	
6	CLB10904	CHEMICAL PROCESS PRINCIPLES			150	
7	CLB11003	FLUID MECHANICS			35	
8	CLB20703	CHEMICAL ENGINEERING THERMODYNAMICS			135	
9	CLB20804	MASS TRANSFER I			140	
10	CLB21003	PROCESS HEAT TRANSFER			135	
11	CLB40002	ENGINEERING TECHNOLOGIST IN SOCIETY			400	
12	CPB20104	MASS TRANSFER 2			50	
13	CPB30004	PROCESS DYNAMICS & CONTROL			100	
14	CPB30103	BIOCHEMICAL ENGINEERING			100	
15	CPB30303	OIL & FAT PROCESS TECHNOLOGY			100	
16	CPB30403	DESIGN PROJECT 2 (PLANT & PROCESS OPTIMIZATION)			40	
17	CPB30603	QA & QC IN CHEMICAL ENGINEERING			45	
18	CPB30703	DESIGN PROJECT 1 (DESIGN & FEASIBILITY STUDY OF PLANT)			100	
19	CPB40003	INTRODUCTION TO RENEWABLE ENERGY			55	
20	CPB40103	ENVIRONMENTAL ISSUES & WASTE MANAGEMENT			150	

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Semester	July 2017					
Section	CHEMICAL ENGINEERING TECH SECTION					
Level of Study	Bachelor					
	Subject		Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
21	NKB30103	INDUSTRIAL SAFETY AND HEALTH			55	

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Semester	July 2017					
Section	CHEMICAL ENGINEERING TECH SECTION					
Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CLD10502	PRINCIPLES OF CHEMICAL PROCESS			35	
2	CLD10603	FLUID MECHANICS			35	
3	CLD20002	OCCUPATIONAL SAFETY AND HEALTH			85	
4	CLD20202	PROCESS INSTRUMENTATION			85	
5	CLD20302	THERMODYNAMICS			85	
6	CLD20402	TRANSPORT PROCESS			85	
7	CPD30002	QUALITY CONTROL & QUALITY ASSURANCE			70	
8	CPD30103	PLANT MAINTENANCE & INSPECTION			72	
9	CPD30203	OIL & FAT PROCESS TECHNOLOGY			72	
10	CPD30302	PILOT PLANT OPERATION 2			72	

Institute	UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEER					
Semester	July 2017					
Section	FOOD TECHNOLOGY SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CFB20002	INTRODUCTION TO FOOD SCIENCE AND TECHNOLOGY			50	
2	CFB20102	FOOD CHEMISTRY			30	
3	CFB20203	FOOD BIOCHEMISTRY			90	
4	CFB20504	FOOD PROCESS ENGINEERING			20	
5	CFB30004	FOOD PROCESSING AND PRESERVATION TECHNOLOGY			75	
6	CFB30302	QUALITY SYSTEM MANAGEMENT IN FOOD INDUSTRY			80	
7	CFB30503	FOOD PLANT DESIGN 2			110	
8	CFB30703	FOOD PRODUCTS DESIGN & DEVELOPMENT			60	
9	CFB40002	FOOD SAFETY AND LEGISLATION			110	
10	CFB40203	FOOD HANDLING, STORAGE & TRANSPORTATION			80	
11	CFB40403	FOOD ANALYSIS 2			75	

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Section	FOOD TECHNOLOGY SECTION					
Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CFD20002	QUALITY ASSURANCE & QUALITY CONTROL IN FOOD INDUSTRIES			55	
2	CFD20103	FOOD PROCESSING TECHNOLOGY			55	
3	CFD30103	FOOD PACKAGING			55	
4	CFD30202	FOOD SANITATION AND LEGISLATION			55	

Institute	UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEE					
Semester	July 2017					
Section	ENVIRONMENT TECHNOLOGY SECTION					
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CEB20003	INTRODUCTION TO ENVIRONMENTAL ENGINEERING TECHNOLOGY			20	
2	CEB20103	SURFACE AND GROUNDWATER HYDROLOGY			10	
3	CEB20202	ENVIRONMENTAL, OCCUPATIONAL SAFETY & HEALTH LAW			10	
4	CEB20303	ENVIRONMENTAL MICROBIOLOGY & CHEMISTRY			10	
5	CEB20403	NOISE, SOUND AND VIBRATION CONTROL			40	
6	CEB30002	ENVIRONMENTAL MANAGEMENT SYSTEM			40	
7	CEB30103	POLLUTION PREVENTION & INDUSTRIAL WASTE MINIMIZATION			10	
8	CEB30202	ENVIRONMENTAL IMPACT ASSESSMENT			10	
9	CEB30403	AIR POLLUTION CONTROL TECHNOLOGY			70	
10	CEB30503	WASTEWATER TREATMENT TECHNOLOGY			70	
11	CEB30603	INTRODUCTION TO INDUSTRIAL ECOLOGY AND LIFE CYCLE ANALYSIS			40	
12	CEB30803	PRINCIPLES OF TOXICOLOGY& RISK ASSESSMENT			10	
13	CEB30903	SOLID AND HAZARDOUS WASTE MANAGEMENT			30	
14	CEB40004	ENVIRONMENTAL ENGINEERING DESIGN			50	
15	CEB40403	ENVIRONMENTAL ENGINEERING PROBLEM SOLVING			30	
16	CEB40503	REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM IN ENVIRONMENTAL ENGINEERING TECHNOLOGY			35	
17	CEB40603	INTRODUCTION TO RENEWABLE			35	

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Section	ENVIRONMENT TECHNOLOGY SECTION				
Level of Study	Bachelor				
	Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
	ENERGY				

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Semester	July 2017					
Section	ENVIRONMENT TECHNOLOGY SECTION					
Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CED30003	WASTEWATER TREATMENT TECHNOLOGY			25	
2	CED30103	WATER TREATMENT TECHNOLOGY			25	
3	CED30202	ENVIRONMENTAL MANAGEMENT SYSTEM			25	
4	CED30303	SOLID AND HAZARDOUS WASTE MANAGEMENT			25	
5	CED30403	AIR POLLUTION CONTROL TECHNOLOGY			25	

Institute	UNIVERSITI KUALA LUMPUR MALAYSIAN INSTITUTE OF CHEMICAL AND BIO-ENGINEE				
Semester	July 2017				
Section	POLYMER ENG TECH SECTION				
Level of Study	Bachelor				
	Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CRB20003 INTRODUCTION TO POLYMER SCIENCE & TECHNOLOGY			20	
2	CRB20204 PLASTIC PROCESSING I			35	
3	CRB30104 POLYMER SYNTHESIS			35	
4	CRB30204 RUBBER TECHNOLOGY			30	
5	CRB40003 MOLD AND DIE DESIGN			45	
6	CRB40103 PLASTIC PROCESSING II			45	
7	CRB40403 POLYMER AND ENVIRONMENT			35	

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Semester	July 2017					
Section	POLYMER ENG TECH SECTION					
Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CRD20104	LATEX SCIENCE & TECHNOLOGY			30	
2	CRD30002	COMPOSITE TECHNOLOGY			30	
3	CRD30104	MATERIAL AND PRODUCT TESTING			30	

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Semester	July 2017				
Section	TECHNICAL FOUNDATION SECTION				
Level of Study	Bachelor				
	Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CLB10402 FUNDAMENTALS OF ELECTRICAL & ELECTRONICS			35	
2	CLB10703 PHYSICAL CHEMISTRY			150	
3	CLB10903 ENGINEERING DRAWING & COMPUTING			35	
4	CLB19203 MATHEMATICS 1			180	
5	CLB19303 MATHEMATICS 2			155	
6	CLB20903 ENGINEERING STATISTICS			220	
7	CPB20203 NUMERICAL METHODS IN CHEM..ENG.			50	

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Section	TECHNICAL FOUNDATION SECTION					
Level of Study	Diploma					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	CLD10004	GENERAL CHEMISTRY			150	
2	CLD10703	ENGINEERING DRAWING & COMPUTING			150	
3	CLD20102	ELECTRICAL TECHNOLOGY			120	
4	CLD20502	BASIC ENGINEERING WORKSHOP			85	
5	CLD21102	TECHNICAL MATHEMATICS 3			85	

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Section						
Level of Study	Bachelor					
		Subject	Lecturers	Subj. Leader	Tot. Offered	Tot. Reg.
1	MPU3113	HUBUNGAN ETNIK			190	
2	MPU3123	TAMADUN ISLAM & TAMADUN ASIA (TITAS)			380	
3	MPU3143	BAHASA MELAYU KOMUNIKASI 2			15	
4	MPU3232	TECHNOPRENEURSHIP			370	
5	MPU3462	SISWA SISWI PERTAHANAN AWAM 2			50	
6	NCB10303	MATHEMATICS FOR ENGINEERS 2			45	
7	NCB40102	ENGINEERS IN SOCIETY			55	
8	NCB49802	ENGINEERING FINAL YEAR PROJECT 1			55	
9	NCB49904	ENGINEERING FINAL YEAR PROJECT 2			12	
10	NKB10402	CHEMICAL ENGINEERING LABORATORY 1			45	
11	NKB10803	THERMODYNAMICS			70	
12	NKB20102	INTRODUCTION TO BIOCHEMICAL ENGINEERING			30	
13	NKB20203	MASS TRANSFER			70	
14	NKB20303	PROCESS HEAT TRANSFER			30	
15	NKB30303	ENVIRONMENTAL ISSUES AND WASTE MANAGEMENT			55	
16	NKB30403	NUMERICAL METHODS IN CHEMICAL ENGINEERING			55	
17	NKB30503	SEPARATION PROCESSES			55	
18	NKB30703	PLANT DESIGN AND MANAGEMENT SYSTEM			55	
19	NKB40103	DESIGN PROJECT 1			55	
20	NKB40403	PROCESS PLANT COMMODITIES			25	
21	NKB40503	PLANT UTILITIES AND MAINTENANCE			25	

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Section						
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22	NKB40703	SOLID AND HAZARDOUS WASTE MANAGEMENT			25	
23	NKB40803	AIR POLLUTION CONTROL			25	
24	NKB41003	MANAGEMENT FOR CHEMICAL ENGINEERS			25	
25	NKB41103	MARKETING FOR CHEMICAL ENGINEERS			25	
26	WBB10202	INNOVATION MANAGEMENT			50	
27	WBB20103	TECHNOPRENEURSHIP			300	
28	WEB10302	FUNDAMENTAL ENGLISH			350	
29	WEB20202	PROFESSIONAL ENGLISH 1			400	
30	WEB20302	PROFESSIONAL ENGLISH 2			400	
31	WIB39908	INDUSTRIAL TRAINING			35	
32	WPB49906	FINAL YEAR PROJECT 2			200	

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1	MPU2222	INTRODUCTION TO ENTREPRENEURSHIP			85	
2	MPU2313	AMALAN ISLAM DI MALAYSIA			150	
3	MPU2323	RELIGIOUS PRACTICES IN MALAYSIA			10	
4	MPU2462	SISWA-SISWI PERTAHANAN AWAM 1			150	
5	WED10402	COMPETENCY ENGLISH			150	
6	WED20302	COMMUNICATION ENGLISH 2			85	
7	WID39908	INDUSTRIAL TRAINING			40	
8	WMD10101	MANDARIN 1			230	
9	WMD10201	MANDARIN 2			190	
10	WPD39806	FINAL YEAR PROJECT			210	
11	WQD10103	TECHNICAL MATHEMATICS 1			150	
12	WQD10203	TECHNICAL MATHEMATICS 2			35	