

NEW STUDY SCHEME : PROGRAMME BACHELOR OF SCIENCE IN BIOCHEMISTRY WITH HONOURS

FIRST YEAR										
FIRST SEMESTER					SECOND SEMESTER					
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P	
SKP2101	Kenegaraan Malaysia / <i>Malaysian Nationhood</i>	3(3+0)	3	0	MGM3180	Asas Keusahawanan / <i>Basic Entrepreneurship</i>	3(2+1)	2	1	
SKP3112	Falsafah dan Isu Semasa / <i>Philosophy and Current Issues</i>	2(2+0)	2	0	BCH3108	Enzimologi / <i>Enzymology</i>	4(3+1)	3	1	
BCH3003	Kimia Biologi / <i>Biological Chemistry</i>	3(2+1)	2	1	BMY3001	Mikrobiologi / <i>Microbiology</i>	4(4+0)	4	0	
BCH3106	Teknik dan Pengiraan Asas dalam Biokimia / <i>Basic Techniques and Calculations in Biochemistry</i>	2(2+1)	1	1	BSM3201	Biologi Molekul / <i>Molecular Biology</i>	3(3+0)	3	0	
BCH3107	Biomolekul / <i>Biomolecules</i>	3(3+0)	3	0		Kursus Bahasa Inggeris/ <i>English Course</i>				
BSM3101	Biologi Sel dan Pengembangan / <i>Cellular and Developmental Biology</i>	3(3+0)	3	0						
	Kursus Bahasa Inggeris/ <i>English Course</i>									
XXX1234	Ko-kurikulum / <i>Co-curriculum</i>	1(0+1)	0	1						
TOTAL		17	14	3	TOTAL			17	15	2
SECOND YEAR										
FIRST SEMESTER					SECOND SEMESTER					
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P	
BMY3201	Teknik Asas Mikrobiologi / <i>Basic Microbiology Techniques</i>	2(0+2)	0	2	FCE3204	Kemahiran Berfikir / <i>Thinking Skills</i>	2(2+0)	2	0	
BCH3109	Metabolisme Karbohidrat / <i>Carbohydrate Metabolism</i>	3(2+1)	2	2	PRT2009	Pertanian dan Manusia / <i>Agriculture and Man</i>	2(1+1)	1	1	
BCH3203	Analisis Biomolekul / <i>Analysis of Biomolecules</i>	2(1+1)	1	1	BCH3110	Metabolisme Protein dan Asid Nukleik / <i>Protein and Nucleic Acid Metabolism</i>	4(3+1)	3	1	
SKP3122	Penghayatan Etika dan Peradaban / <i>Internalization of Ethnics and Civilization</i>	2(2+0)	2	0	BSM4301	Bioinformatik / <i>Bioinformatics</i>	3(2+1)	2	1	
	Elektif 1 / <i>Elective 1</i>	6	6		YYY1234	Ko-kurikulum / <i>Co-curriculum</i>	1(0+1)	0	1	
	Kursus Bahasa Inggeris/ <i>English Course</i>					Elektif 2 / <i>Elective 2</i>	6	6		
						Kursus Bahasa Inggeris/ <i>English Course</i>				
TOTAL		18	13	6	TOTAL			18	15	3
THIRD YEAR										
FIRST SEMESTER					SECOND SEMESTER					
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P	
BGY3701	Biostatistik/Biostatistics	3(2+1)	2	1	BCH4959A	Disertasi Bachelo / <i>Bachelor Dissertation</i>	3(0+3)	0	3	
BCH3111	Metabolisme Lipid dan Membran / <i>Lipid Metabolism and Membranes</i>	4(3+1)	3	1	BCH4902	Topik Khas dalam Biokimia / <i>Current Topics in Biochemistry</i>	2(2+0)	2	0	
BCH4101	Biokimia Hormon / <i>Biochemistry of Hormones</i>	3(3+0)	3	0	BCH4904	Pembelajaran Berasaskan Perkhidmatan dalam Biokimia / <i>Service Learning in Biochemistry</i>	1(0+1)	0	1	
	Elektif 3 / <i>Elective 3</i>	6	6			Elektif 4 / <i>Elective 4</i>	9	9		
	Kursus Bahasa Inggeris/ <i>English Course</i>					Kursus Bahasa Inggeris/ <i>English Course</i>				
TOTAL		16	14	2	TOTAL			15	11	4
FINAL YEAR										
FIRST SEMESTER					SECOND SEMESTER					
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P	
BCH4959B	Disertasi Bachelo / <i>Bachelor Dissertation</i>	3(0+3)	0	3	BCH4901	Latihan Industri / <i>Industrial Training</i>	6(0+6)	0	6	
BCH4303	Aplikasi Biokimia dalam Industri / <i>Industrial Applications of Biochemistry</i>	3(3+0)	3	0						
KOM3403	Pengucapan Awam / <i>Public Oration</i>	3(3+0)	3	0						
	Elektif 5 / <i>Elective 5</i>	6	6							
	Kursus Bahasa Inggeris/ <i>English Course</i>									
TOTAL		15	12	3	TOTAL			6	0	6