

**NEW STUDY SCHEME : PROGRAMME BACHELOR OF SCIENCE IN MICROBIOLOGY 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	LPE2301	<i>Academic Interaction and Presentation</i>	3(2+1)	2	1
BCH3003	Kimia Biologi / <i>Biological Chemistry</i>	3(2+1)	2	1	SKP3112	Falsafah dan Isu Semasa / <i>Philosophy and Current Issues</i>	2(2+0)	2	0
BMY3101	Mikrobiologi I / <i>Microbiology I</i>	4(4+0)	4	0	BMY3102	Mikrobiologi II / <i>Microbiology II</i>	4(4+0)	4	0
BMY3201	Teknik Asas Mikrobiologi / <i>Basic Microbiology Techniques</i>	2(0+2)	0	2	BCH3106	Teknik dan Pengiraan Asas dalam Biokimia / <i>Basic Techniques and Calculations in Biochemistry</i>	2(1+1)	1	1
KOM3403	Pengucapan Awam / <i>Public Oratation</i>	3(3+0)	3	0	BMY3202	Teknik Pencirian Mikroorganisma / <i>Techniques in Microbial Characterization</i>	3(0+3)	0	3
XXX1234	Kokurikulum / <i>Cocurriculum</i>	1(0+1)	0	1	FCE3204	Kemahiran Berfikir / <i>Thinking Skills</i>	2(2+0)	2	0
CEL2102	<i>Effective Listening and Speaking</i>				YYY1234	Kokurikulum / <i>Cocurriculum</i>	1(0+1)	0	1
LAX		12 pt							
<b>TOTAL</b>		<b>16</b>	<b>12</b>	<b>4</b>	<b>TOTAL</b>		<b>17</b>	<b>11</b>	<b>6</b>
SECOND YEAR									
FIRST SEMESTER					SECOND SEMESTER				
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P
LPE2501	<i>Academic Writing</i>	3(3+0)	3	0	MGM3180	Asas Keusahawanan / <i>Basic Entrepreneurship</i>	3(2+1)	2	1
BCH3107	Biomolekul / <i>Biomolecules</i>	3(3+0)	3	0	BCH3108	Enzimologi / <i>Enzymology</i>	4(3+1)	3	1
SKP3122	Penghayatan Etika dan Peradaban / <i>Internalization of Ethnics and Civilization</i>	2(2+0)	2	0	BMY4303	Mikologi / <i>Mycology</i>	3(3+0)	3	0
BMY3103	Fisiologi Mikrob / <i>Microbial Physiology</i>	3(3+0)	3	0	BMY4302	Virologi / <i>Virology</i>	3(3+0)	3	0
PRT2009	Pertanian dan Kehidupan / <i>Agriculture and Life</i>	2(1+1)	1	1		Elektif 1 / <i>Elective 1</i>	6	6	
BMY3203	Teknik Mikrobiologi Lanjutan / <i>Advanced Microbiological Techniques</i>	3(0+3)	0	3	LAX		6 pt		
BMY4301	Bakteriologi / <i>Bacteriology</i>	3(3+0)	3	0					
<b>TOTAL</b>		<b>19</b>	<b>15</b>	<b>4</b>	<b>TOTAL</b>		<b>19</b>	<b>17</b>	<b>2</b>
THIRD YEAR									
FIRST SEMESTER					SECOND SEMESTER				
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P
BMY4304	Imunologi / <i>Immunology</i>	3(3+0)	3	0	BMY4959A	Disertasi Bachelo / <i>Bachelor Dissertation</i>	3(0+3)	0	3
BMY4310	Genetik Mikrob / <i>Microbial Genetics</i>	4(3+1)	3	1	BMY4992	Topik Terkini Dalam Mikrobiologi / <i>Current Topics in Microbiology</i>	2(0+2)	0	2
BGY3701	Biostatistik/Biostatistics	3(2+1)	2	1		Elektif 3 / <i>Elective 3</i>	12	12	
BMY4904	Pembelajaran Perkhidmatan dalam Mikrobiologi / <i>Service Learning in Microbiology</i>	1(0+1)	0	1	CEL 105/106/107				
	Elektif 2 / <i>Elective 2</i>	7	7						
LAX		12 pt	p						
<b>TOTAL</b>		<b>18</b>	<b>15</b>	<b>3</b>	<b>TOTAL</b>		<b>17</b>	<b>12</b>	<b>5</b>
FINAL YEAR									
FIRST SEMESTER					SECOND SEMESTER				
CODE	COURSE	CREDIT	L	P	CODE	COURSE	CREDIT	L	P
BMY4959B	Disertasi Bachelo / <i>Bachelor Dissertation</i>	3(0+3)	0	3	BMY4901	Latihan Industri / <i>Industrial Training</i>	6(0+6)	0	6
BSM4301	Bioinformatik	3(2+1)	2	1					
	Elektif 4 / <i>Elective 4</i>	8	8						
LAX OR CEL104/105/106/107		6 pt							
<b>TOTAL</b>		<b>14</b>	<b>10</b>	<b>4</b>	<b>TOTAL</b>		<b>6</b>	<b>0</b>	<b>6</b>