

Courses in Resource Biotechnology Programme

YEAR 1						
Semester 1				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STB1013	Cell Biology	Core	3	/	/	/
STB1083	Biochemistry	Core	3	/	/	/
STB1093	Microbiology	Core	3	/	/	/
STF1113	Diversity of Life	Core	3	/	/	/
PPD1041	Soft Skills & Basic Volunteerism	Remedial	1	/	/	/
MPU3192	Appreciation of Ethics and Civilization	MPU	2	/	/	/
MPU3142	Communication in Malay Language 2 *					
MPU3222	Foundation of Entrepreneurship Inculturation	MPU	2	/	/	/
PBII112	Preparatory English 1	Remedial	2	/	-	-
PBII102	Academic English 1	Generic		-	/	-
PBII092	Academic English 2	Generic		-	-	/
Total (Local)				19	19	19
Total (International Students)				19	19	19

Semester 2				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STB1033	General Genetics	Core	3	/	/	/
STT1043	Plant Physiology	Core	3	/	/	/
STK1213	Analytical Chemistry 1	Core	3	/	/	/
STK1211	Practical for Analytical Chemistry	Core	1	/	/	/
STF1153	Biostatistics	Core	3	/	/	/
MPU34x2	Credited Co-curricular	MPU	2	/	/	/
MPU3182	Philosophy and Current Issue**	MPU	2	/	/	/
PBII072	English for Professional Communication	Generic	2	-	/	-
PBII082	English for Occupational Purposes			-	-	/
MPU3342	Malaysian Culture and Ethnicity*	MPU	2	/	/	/
PBII122	Preparatory English 2	Remedial	2	/	-	-
Total (Local Students)				19	19	19
Total (International Students)				21	21	21

YEAR 2						
Semester 1				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STB2013	Advanced Microbiology	Core	3	/	/	/
STB2043	Advanced Biochemistry	Core	3	/	/	/
STB2052	Developmental Biology	Core	2	/	/	/
STB2093	Cell and Tissue Culture	Core	3	/	/	/
STB2122	Advanced Genetics	Core	2	/	/	/
STB2192	Animal Biotechnology	Core	2	/	/	/
PBM2072	Malay Language	Generic	2	/	/	/
PBM2082	Advanced Malay Language for Communication*					
MPU33x2	National Heritage OR Government and Administration in Malaysia OR Introduction to Organization Behavior OR Integration and Anti-Corruption	MPU	2	/	/	/
PBI1102	Academic English 1	Generic	2	/	-	-
Total (Local Students)				21	19	19
Total (International Students)				19	17	17

Semester 2				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STF2083	Scientific Communication	Core	3	/	/	/
STB2153	Virology and Immunology	Core	3	/	/	/
STB2163	Recombinant DNA Technology	Core	3	/	/	/
STH2203	Animal Physiology	Core	3	/	/	/
STB2242	Plant Biotechnology	Core	2	/	/	/
PBI1072	English for Professional Communication	Generic	2	/	-	-
XXUxxx3	University Elective Course 1	Elective University	3	/	/	/
Total (Local Students)				19	17	17
Total (International Students)				19	17	17

YEAR 3						
Semester 1				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STF3013	Final Year Project I	Core	3	/	/	/
STB3593	Socio-economic and Ethical Issues in Biotechnology	Core	3	/	/	/
STB3123	Bioinformatics	Core	3	/	/	/
STB3182	Instrumentation and Laboratory Management	Core	2	/	/	/
STB3053	Bioprocess Technology	Core	3	/	/	/
STB3613	Enzymology	Core	3	/	/	/
XXUxxx3	University Elective Course 2	Elective University	3	/	/	/
Total (Local Students)				20	20	20
Total (International Students)				20	20	20

Semester 2				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STF3015	Final Year Project II	Core	5	/	/	/
STB3603	Functional Genomics and Proteomics	Core	3	/	/	/
STB3xx3	Programme Elective I	Programme Elective	3	/	/	/
STB3xx3	Programme Elective II		3	/	/	/
STB3xx3	Programme Elective III		3	/	/	/
STB3xx3	Programme Elective IV		3	/	/	/
Total (Local Students)				20	20	20
Total (International Students)				20	20	20

List of Programme's Elective Courses (Choose 4)

Code	Course
STB3223	Medical Biotechnology
STB3623	Environmental Biotechnology
STB3633	Food Biotechnology
STB3643	Industrial Biotechnology
STB3653	Food Safety Industrial Management
STB3663	Applied and Industrial Enzymology

Semester 3				MUET (Band)		
Code	Course	Status	Credit	1-2	3	4-6
STF3136	Industrial Training	Core	6	/	/	/
Total				6	6	6

Summary Total Credit Hour

MUET (Band)	Core	Programme Elective	General Studies Course (GES)/ MPU	Generic	University Elective	Remedial	Total Credit Hours
1-2	85	12	10	6	6	5	124
3-6	85	12	10	6	6	1	120

Notes:

*Courses offered for international students only

**Courses offered only for both local and international students

For more information: please refer page 73 (University Courses); page 75 (Generic English Courses); page 78 (MPU Courses); page 80-82 (Elective Courses)