

Faculty/School	Faculty of Engineering/ School of Chemical & Energy Engineering
Program Name	Master of Engineering (Bioprocess)
Program Code	MKKB
Mode of Program	Mixed Mode
Academic Session/ Semester	2020/2021-1

COURSE MENU

University General Courses (Choose 1 ONLY)		
Course Code	Course Name	Credit
UHAP6013	Seminar on Global Development, Economic & Social Issues	3
UHAZ6123	Malaysian Society & Culture (for International Students Only)	3
UHAW6023	Falsafah Sains dan Pembangunan Sosial	3
UHAF6033	Kepimpinan Dinamik	3
UHAZ6313	Bahasa Malaysia Akademik I	3
UHAZ6323	Bahasa Malaysia Akademik II	3
UDPE1123	Organizational Behavior dan Development	3
UCSM1263	Pengurusan Projek IT	3
ULAJ6013	Japanese Language for Postgraduates	3

Core Faculty Courses (Compulsory)		
Course Code	Course Name	Credit
UKKP0013	Research Methodology	3

Core Courses (Compulsory)		
Course Code	Course Name	Credit
MKKB1103	Biotechnology for Engineers	3
MKKB1113	Industrial Bioprocessing	3
MKKB1123	Facilities and Infrastructures in Bioprocess Engineering	3
MKKB1133	Bioproduct Development	3

Elective Courses (Choose 1 only)		
Course Code	Course Name	Credit
MKKK1613	Energy Analysis and Management	3
MKKK1683	Process Integration	3
MKKK1653	Safety and Health in Process Industries	3
MKKK1513	Advanced Transport Phenomena	3
MKKH1373	Human Factor	3
MKKH1513	Environmental Management	3
MKKH1523	Pollution Control Technology	3
MKKT1023	Management of Herbal Quality	3
MKKT1033	Herbal Processing	3

Project (Compulsory for final semester)		
Course Code	Course Name	Credit
MKKB**80	Dissertation	-

Programme Coordinator : Dr. Nor Hasmaliana Abd. Manas
(hasmaliana@utm.my/013-7976208)

PROGRAM STRUCTURE

SYLLABUS	COURSE CODE	SEMESTER	SECTION (for Semester 1)	DAY & TIME (for Semester 1)	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	<i>Refer SPS website for schedule</i> https://sps.utm.my/academic-related-resources/				
Core Faculty Courses	UKKP 0013	1	03	Monday 8.00 am - 10.00 am Thursday 9.00 am - 10.00 am	Prof. Dr. Mat Uzir Wahit r-uzir@utm.my 012-7012001
Core Courses	MKKB 1113	1	01	Sunday 9.00 am - 12.00 pm	Prof. Dr. Lee Chew Tin ctlee@utm.my 016-2320865
	MKKB 1103		01	Sunday 2.00 pm - 5.00 pm	Dr. Zanariah Hashim zanariahhashim@utm.my 019-2007328
Elective Courses	MKKK 1513	1	01	Sunday 2.00 pm - 5.00 pm	PM. Ir. Dr. Muhammad Abbas Ahmad Zaini r-abbas@utm.my 016-2581878
	MKKH 1523	1	01	Tuesday 9.00 am - 12.00 pm	Assoc. Prof. Dr. Anwar Johari anwar@utm.my 019-7566007
Dissertation	MKKB 2180	3			