STUDY PLAN

Programme Name: : **Master of Science (Material Engineering)**
Programme Code : **MKMC**

FEBRUARY INTAKE

COURSE	SEMESTER 1	SEMESTER 2	SEMESTER 3	TOTAL CREDIT
University Elective			**(Choose 1)** UHAZ6123 UHAP6013 UICW6023 ULAM6013	**3**
Faculty Core	-	-	-	**-**
Programme Core	MKMB 1603 MKMB 1903	MKMB 1613 MKMB 1623		**12**
Elective	**Choose 2 from List of Elective Courses**	**Choose 2 from List of Elective Courses**	**Choose 1 from List of Elective Courses**	**15**
Project 1		MKMB 1914		**4**
Project 2			MKMB 2926	**6**
TOTAL CREDIT	**12**	**16**	**12**	**40**

LIST OF PROGRAMME CORE COURSES

MKMB 1603   ADVANCED TECHNIQUE OF MATERIALS CHARACTERIZATION
MKMB 1613   PROCESSING AND FABRICATION OF MATERIALS
MKMB 1623   MICROSTRUCTURE AND MECHANICAL PROPERTIES OF MATERIALS
MKMB 1903   RESEARCH METHODOLOGY
MKMB 1914   MASTER PROJECT I
MKMB 2926   MASTER PROJECT II

LIST OF ELECTIVE COURSES

MKMB 2603   MATERIALS TESTING AND QUALITY CONTROL
MKMB 2613   CORROSION I
MKMB 2623   FOUNDRY ENGINEERING
MKMB 2633   ADVANCED MATERIALS
MKMB 2643   MATERIALS SELECTION
MKMB 2653   CORROSION II
MKMB 2663   SURFACE ENGINEERING
MKMB 2673   NANOMATERIALS
MKMB 2683   MODELLING IN MATERIALS ENGINEERING
MKMB 2003   SPECIAL TOPIC 1 (DEPEND ON CURRENT RESEARCH AREAS AND SUBJECTED TO FACULTY APPROVAL)
MKMB 2013   SPECIAL TOPIC 2 (DEPEND ON CURRENT RESEARCH AREAS AND SUBJECTED TO FACULTY APPROVAL)
MKXX XXX3   OPTION (ANY APPROVED ENGINEERING COURSE)

LIST OF UNIVERSITY COURSES

UHAZ 6123   MALAYSIAN SOCIETY AND CULTURE
UHAP 6013   SEMINAR GLOBAL
UICW 6023   PHILOSOPHY OF SCIENCE AND CIVILIZATION
ULAM 6013   MALAY LANGUAGE FOR POST GRADUATES