

Faculty/School	Faculty of Engineering/School of Chemical and Energy Engineering
Program Name	Master of Science in Energy Management
Program Code	MKKE
Mode of Program	Taught Course
Academic Session/Semester	20202021/1

## COURSE MENU

UNIVERSITY GENERAL COURSES (Choose 1 Course)		
Code	Courses	Credit
UHAP 6013	Seminar on Global Development Economic & Social Issues	3
UHAZ 6123*	Malaysian Society and Culture	3
ULAM 6323*	Malay Language Academic Writing	3
UICW 6023	Science Philosophy and Social Development	3
UPPF 6033	Dynamics of Leadership	3
UCCM 1263	IT Project Management	3
UIBE 1123	Organizational Behavior and Development	3

CORE COURSES (All compulsory)		
Code	Courses	Credit
MKKE 1213	Sustainable Energy Management	3
MKKE 1223	Project Management and Ethics	3
MKKE 1113	Mechanical and Electrical Energy Management	3
MKKE 1123	Energy Life Cycle Cost and Emission Analysis	3
MKKE 1233	Research Methodology and Design of Experiments	3
MKKE 1243	Computer Aided Tools for Energy-Efficient Industry	3
MKKE 1315	Master's Project 1	5
MKKE 2327	Master's Project 2	7

ELECTIVE COURSES (Choose 4 Courses Only)		
Code	Courses	Credit
MKKE 2133	Renewable Energy	3
MKKE 2163	Biomass for Renewable Energy, Fuels and Chemicals	3
MKKE 2173	Inherent Occupational Health Assessment in Chemical Process	3
MKKE 2153	Thermal Energy Management	3
MKKE 2143	Energy Integration and Resource Conservation	3
MKKE 2253	Solid and Hazardous Waste Management	3
<b>TOTAL CREDIT</b>		<b>45</b>

## PROGRAM STRUCTURE

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME AND CONTACT NO:
University General Courses		1	01		
Core Faculty Course	MKKE 1213	1	01	Wednesday 2pm to 5pm	Dr. Zarina Muis <a href="mailto:zarinamuis@utm.my">zarinamuis@utm.my</a> 0 19-774 3715
	MKKE 1233	1	01	Monday 10am to 1pm	Ts Dr. Ho Wai Shin <a href="mailto:hwshin@utm.my">hwshin@utm.my</a> 0 16-440 1186
	MKKE 1113	1	01	Tuesday 2pm to 5pm	Prof Ir. Dr. Mohammad Yusri Hassan <a href="mailto:yusrih@utm.my">yusrih@utm.my</a> 0 19-720 0271  Assos Prof Ir. Dr. Hayati Abdullah <a href="mailto:hayatiabdullah@utm.my">hayatiabdullah@utm.my</a> 0 12-297 9907
	MKKE 1243	1	01	Thursday 10am to 1pm	Prof Ir. Dr. Haslenda Hashim <a href="mailto:haslenda@utm.my">haslenda@utm.my</a> 0 19-795 6265
Elective Course	MKKE 2153	1	01	Thursday 10am to 1pm	Ir Dr. Lim Jeng Shiun <a href="mailto:jslim@utm.my">jslim@utm.my</a> 012-7800 221
Project	MKKE1315 MKKE2327	1	01		Ir Dr. Lim Jeng Shiun <a href="mailto:jslim@utm.my">jslim@utm.my</a> 012-7800 221

