

Faculty/School	Faculty of Chemical and Energy Engineering
Program Name	Master of Science (Energy Management)
Program Code	METE
Mode of Program	Taught Course
Academic Session /Semester	2025/2026-1

COURSE MENU

UNIVERSITY GENERAL COURSES (Choose 1 Course)		
Code	Courses Name	Credit
UHMS 6013	Seminar on Global Development Economic & Social Issues	3
UHMZ 6023*	Malaysian Society and Culture	3
UHLM 6013*	Malay Language Academic Writing	3
UHS 6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UECS6013	IT Project Management	3
UBSS6013	Organizational Behavior and Development	3
URTS6013	Etika Alam Sekitar	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UECS6023	Introduction to Technopreneurship	3

CORE FACULTY COURSES (All compulsory) 18 CREDIT		
Code	Courses Name	Credit
METU1013	Research Methodology	3
METE1113	Sustainable Energy Management and Audit	3
METE1123	Mechanical Energy Management and Audit	3
METE1133	Electrical Energy Management and Audit	3
METE1143	Thermal Energy Management and Audit	3
METE1153	Occupational Safety for Energy Systems	3

ELECTIVE COURSES (Choose 4 Courses Only) 12 CREDIT		
Code	Courses Name	Credit
METE1213	Renewable Energy	3
METE1223	Energy Life Cycle cost and Emission Analysis	3
METE1233	Energy Integration and Resource Conservation	3
METE1243	Industrial Process Analysis	3
METE1253	Energy Planning for Conservation and Sustainable Development	3
METE1263	Project Management and Ethics	3

PROJECT (Compulsory) 12 CREDIT		
Code	Courses Name	Credit
METE1315	Energy Project 1	5
METE1327	Energy Project 2	7
TOTAL CREDIT		45

Nama Penyelaras : Prof. Madya Ir. Dr. Lim Jeng Shiun
 Email : jslim@utm.my (h/p : 012-7800221)

PROGRAM STRUCTURE (METEA1HKA – OFFSHORE KUALA LUMPUR - HYBRID)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2024/2025 SEMESTER 2

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	<i>Student MUST refer to SPS Website https://sps.utm.my/academic-related-resources/ for the University general courses schedule</i>				
Core Faculty Course	-	-	-	-	-
Core Courses	METE1153	1	02	18/10/2025 – 19/10/2025 1/11/2025 – 2/11/2025 6/12/2025-7/12/2025 Saturday & Sunday 9.00am – 5.00pm	Prof. Ir. Dr. Haslenda Hashim haslenda@utm.my 019-7956265
Elective Course	METE1253	1	02	11/10/2025-12/10/2025 8/11/2025 – 9/11/2025 3/1/2025 – 4/1/2025 Saturday & Sunday 9.00am – 5.00pm	Prof. Madya Ir. Ts. Dr. Zaki Yamani Zakaria zakiyamani@utm.my 013-7777152