

Faculty/School	Faculty of Chemical & Energy Engineering
Program Name	Master of Science (Safety, Health and Environment)
Program Code	METW
Mode of Program	Taught Course
Academic Session/ Semester	2025/2026-1

COURSE MENU

University General Courses (Choose 1 ONLY)		
Course Code	Course Name	Credit
UHMS6013	Seminar on Global Development, Economic & Social Issues	3
UHS6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UECS6013	IT Project Management	3
UBSS6013	Organizational Behavior dan Development	3
UHMZ6023	Malaysian Society & Culture	3

Core Faculty Courses (Compulsory)		
Course Code	Course Name	Credit
METW1613	Research Methodology & Design of Experiment	3

Core Courses (Compulsory)		
Course Code	Course Name	Credit
METW1213	Risk Assessment & Accident Modelling	3
METW1123	Safety and Health Legislations (Modul 2 SHO)	3
METW1113	Safety and Health Management (Modul 1 SHO)	3
METW1143	Occupational Safety (Modul 4 SHO)	3
METW1133	Occupational Health (Modul 3 SHO)	3
METW1313	Environmental Management	3
METW1323	Pollution Control Technology	3

Elective Courses (Choose 3 only)		
Course Code	Course Name	Credit
METW1223	Accident Prevention Through Design	3
METW1233	Crisis & Emergency Management	3
METW1243	Process Safety & Loss Prevention	3
METW1253	Asset Integrity	3
METW1273	Human Factor	3
METW1263	Incident Investigation	3

Project (Compulsory)		
Course Code	Course Name	Credit
METW1614	SHE Project 1	4
METW1626	SHE Project 2	6

Programme Coordinator : **Dr. Hamidah Kamarden**
(hamidahkamarden@utm.my/016-9152941)

PROGRAM STRUCTURE (METWA1AJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2025/2026 SEMESTER 1

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	METW1613	1	01	Thursday 8.00 am – 11.00 am	Assoc. Prof. Dr. Umi Aisah Asli umi_aisyah@utm.my 012-7379054
Core Courses	METW 1123	1	01	Monday 10.00 am – 1.00 pm	Assoc. Prof. Dr. Kamarizan Kidam kamarizan@utm.my 017-3970979
	METW 1213	1	01	Monday 2.00 pm – 5.00 pm	Dr. Norafneeza Norazahar norafneeza@utm.my 017-9285008
	METW 1133	1	01	Tuesday 8.00 am – 11.00 am	Prof. Dr. Zainura Zainon Noor zainurazn@utm.my 019-3658003
	METW 1323	1	01	Wednesday 8.00 am – 11.00 am	Dr. Nur Hafizah Ab. Hamid nurhafizah.abhamid@utm.my 011-64142077
Elective Course	METW 1263	1	01	Friday 9.00 am – 12.00 pm	Dr. Hamidah Kamarden hamidahkamarden@utm.my 016-9152941
Project	-				