

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	2024/2025-1

COURSE MENU

University General Courses (Choose 1 ONLY)		
Course Code	Course Name	Credit
UHMS6013	Seminar on Global Development, Economic & Social Issues	3
UHIS6013	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. Norafneeza Norazahar
(norafneeza@utm.my/017-9285008)

PROGRAM STRUCTURE (METWA1AJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2023/2024 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	Wednesday 2.00 pm – 5.00 pm	Dr. Norafneeza Norazahar norafneeza@utm.my 017-9285008
Core Courses	METW 1123	1	01	Monday 9.00 am – 12.00 pm	Assoc. Prof. Dr. Umi Aisah Asli umi_aisyah@utm.my 012-7379054
	METW 1213	1	01	Monday 2.00 pm – 5.00 pm	Assoc. Prof. Dr. Kamarizan Kidam kamarizan@utm.my 017-3970979
	METW 1133	1	01	Tuesday 9.00 am – 12.00 pm	Prof. Dr. Zainura Zainon Noor zainurazn@utm.my 019-3658003
	METW 1323	1	01	Thursday 9.00 am – 12.00 pm	Assoc. Prof. Dr. Anwar Johari anwar@utm.my 019-7566007
Elective Course	METW 1243	1	01	Wednesday 2.00 pm – 5.00 pm	Dr. Hamidah Kamarden hamidahkamarden@utm.my 016-9152941
Project	-				

PROGRAM STRUCTURE (METWA1HJA – OFFSHORE JOHOR BAHRU - HYBRID)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2024/2025 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	62	12/10/2024 & 13/10/2024 16/11/2024 & 17/11/2024 14/12/2024 & 15/12/2024	Dr. Norafneeza Norazahar norafneeza@utm.my 017-9285008
Core Courses	METW1123	1	62	19/10/2024 & 20/10/2024 23/11/2024 & 24/11/2024 21/12/2024 & 22/12/2024	Assoc. Prof. Dr. Umi Aisah Asli umi_aisyah@utm.my 012-7379054
	METW1133	1	62	26/10/2024 & 27/10/2024 30/11/2024 & 01/12/2024 28/12/2024 & 29/12/2024	Prof. Dr. Zainura Zainon Noor zainurazn@utm.my 019-3658003
Elective Course	METW1263	1	62	09/11/2024 & 10/11/2024 07/12/2024 & 08/12/2024 04/01/2025 & 05/01/2025	Dr. Saharudin Haron saharudinh@utm.my 019-7790074
Project	-				