

Faculty/School	<b>Faculty of Chemical &amp; Energy Engineering</b>
Program Name	<b>Master of Science (Safety, Health and Environment)</b>
Program Code	<b>METW</b>
Mode of Program	<b>Taught Course</b>
Academic Session/ Semester	<b>2024/2025-2</b>

## COURSE MENU

<b>University General Courses (Choose 1 ONLY)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
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

<b>Core Courses (Compulsory)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METW1613	Research Methodology & Design of Experiment	3
METW1113	Safety and Health Management (Module 1 SHO)	3
METW1123	Safety and Health Legislations (Module 2 SHO)	3
METW1133	Occupational Health (Module 3 SHO)	3
METW1143	Occupational Safety (Module 4 SHO)	3
METW1213	Risk Assessment & Accident Modelling	3
METW1313	Environmental Management	3
METW1323	Pollution Control Technology	3

<b>Elective Courses (Choose 3 only)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
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

<b>Project (Compulsory)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METW1614	SHE Project 1	4
METW1626	SHE Project 2	6

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

**PROGRAM STRUCTURE (METWA1AJA – MAINSTREAM JOHOR BAHRU)**

**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 <a href="https://sps.utm.my/academic-related-resources/">https://sps.utm.my/academic-related-resources/</a> for the University General Courses schedule</i>				
Core Faculty Course	-				
Core Courses	METW1313	1	01	Monday 10.00 am – 1.00 pm	Prof. Dr. Zainura Zainon Noor <a href="mailto:zainurazn@utm.my">zainurazn@utm.my</a> 019-3658003
	METW1113	1	01	Tuesday 8.00 am – 11.00 am	Dr. Norafneeza Norazahar <a href="mailto:norafneeza@utm.my">norafneeza@utm.my</a> 017-9285008
	METW1143	1	01	Wednesday 10.00 am – 1.00 pm	Assoc. Prof. Ir. Dr. Mimi Haryani Hassim <a href="mailto:mimiharyani@utm.my">mimiharyani@utm.my</a> 010-5744519
	METW1613	1	01	Thursday 10.00 am – 1.00 pm	Assoc. Prof. Dr. Umi Aisah Asli <a href="mailto:umi_aisyah@utm.my">umi_aisyah@utm.my</a> 012-7379054
Elective Course	METW1223	1	01	Friday 8.00 am – 11.00 am	Assoc. Prof. Dr. Kamarizan Kidam <a href="mailto:kamarizan@utm.my">kamarizan@utm.my</a> 017-3970979
Project	-				

PROGRAM STRUCTURE (METWA1HJA – OFFSHORE JOHOR BAHRU - 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 <a href="https://sps.utm.my/academic-related-resources/">https://sps.utm.my/academic-related-resources/</a> for the University General Courses schedule</i>				
Core Faculty Course	-				
Core Courses	METW1213	1	62	22/03/2025 & 23/03/2025 26/04/2025 & 27/04/2025 24/05/2025 & 25/05/2025	Dr. Hamidah Kamarden@Kamarudin <a href="mailto:hamidahkamarden@utm.my">hamidahkamarden@utm.my</a> 016-9152941
	METW1323	1	62	05/04/2025 & 06/04/2025 03/05/2025 & 04/05/2025 31/05/2025 & 01/06/2025	Assoc. Prof. Dr. Anwar Johari <a href="mailto:anwar@utm.my">anwar@utm.my</a> 019-7566007
	METW1143	1	62	12/04/2025 & 13/04/2025 10/05/2025 & 11/05/2025 14/06/2025 & 15/06/2025	Assoc. Prof. Ir. Dr. Mimi Haryani Hassim <a href="mailto:mimi@cheme.utm.my">mimi@cheme.utm.my</a> 010-5744519
Elective Course	METW1223	1	62	19/04/2025 & 20/04/2025 17/05/2025 & 18/05/2025 21/06/2025 & 22/06/2025	Dr. Kamarizan Kidam <a href="mailto:kamarizan@utm.my">kamarizan@utm.my</a> 017-3970979
Project	-				