Faculty/School	**Faculty of Chemical & Energy Engineering**
Program Name	**Master of Science (Safety, Health and Environment)**
Program Code	**MKTH**
Mode of Program	**Taught Course**
Academic Session/ Semester	**2026/2027-1**

COURSE MENU

University General Courses (Choose 1 ONLY)		
Course Code	**Course Name**	**Credit**
UBSS6013	Organizational Behavior dan Development	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UHMS6013	Seminar On Global Development, Economic and Social Issues	3
UHMZ6023	Malaysian Society & Culture	3
UHIS6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UHLM6013	Malay Language for Post Graduate	3
URTS6013	Enviromental Ethics3	3
UECS6013	IT Project Management	3
UECS6023	Introduction to Technopreneurs	3
UMJJ6013	Basic Japanese Language and Culture	3

Core Courses (Compulsory)		
Course Code	**Course Name**	**Credit**
MKTH1113	Safety and Health Legislation	3
MKTH1213	Occupational Safety	3
MKTH1223	Risk Asssessment and Accident Modelling	3
MKTH1313	Occupational Health	3
MKTH1323	Industrial Hygiene	3
MKTH1413	Safety and Health Management	3
MKTH1423	Osh Leadership and Ethics	3
MKTH1433	Emergency Management and Incident Investigation	3
MKTH1443	Asset and Facility Management	3
MKTH1453	Research Methodology	3
MKTH1616	Occupational Safety and Health Project	6

Elective Courses (Choose 3 only)		
Course Code	**Course Name**	**Credit**
MKTH1513	Accident Prevention Through Design	3
MKTH1523	Sustainable Environmental Management	3
MKTH1533	Waste Management	3

Project (Compulsory)		
Course Code	**Course Name**	**Credit**
MKTH1616	Occupational Safety and Health Project	6
	TOTAL KREDIT	**42**

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

PROGRAM STRUCTURE (MKTHA1AJA – MAINSTREAM JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2026/2027 SEMESTER 1

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	*Student MUST refer to SPS Website https://sps.utm.my/academic-related-resources/ for the University General Courses schedule*				
Core Faculty Course	MKTH1113/ METW1123	1	01	Monday 8.00 am – 11.00 am	Dr. Hamidah Kamarden@kamrudin nurhafizah.abhamid@utm.my 011-64142077
Core Courses	MKTH1213/ METW1143	1	01	Wednesday 8.00am-11.00am	Assoc. Prof. Ir. Dr. Mimi Haryani Hassim mimiharyani@utm.my 010-5744519
	MKTH1223/ METW1213	1	01	Thursday 9.00am – 12.00pm	Dr. Norafneeza Norazahar norafneeza@utm.my 017-9285008
	MKTH1313/ METW1133	1	01	Wednesday 2.00pm – 5.00pm	Dr. Nur Hafizah Ab. Hamid nurhafizah.abhamid@utm.my 010-64142077
Elective Course	MKTH1533/ METW1323	1	01	Tuesday 8.00am – 11.00am	Prof. Dr. Zainura Zainon Noor zainurazn@utm.my 010-64142077

PROGRAM STRUCTURE (MKTHA1HJA – OFFSHORE JOHOR BAHRU)

COURSES OFFERED FOR NEW INTAKE STUDENTS SESSION 2026/2027 SEMESTER 1

SYLLABUS	COURSE CODE	SEMESTER	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	*Student MUST refer to SPS Website https://sps.utm.my/academic-related-resources/ for the University General Courses schedule*				
Core Faculty Course	MKTH1113/ METW1323	1	06	17/10/2026-18/10/2026 21/11/2026 – 22/11/2026 2/1/2026 – 3/1/2026 Saturday & Sunday 9.00am - 5.00pm	Dr. Hamidah Kamarden@kamrudin nurhafizah.abhamid@utm.my 011-64142077 Dr. Nur Hafizah Ab. Hamid nurhafizah.abhamid@utm.my 010-64142077
Core Courses	MKTH1213/ METW1263	1	06	24/10/2026 – 25/10/2026 31/10/2026 – 1/11/2026 28/11/2026 – 29/11/2026 Saturday & Sunday 9.00am - 5.00pm	Assoc. Prof. Ir. Dr. Mimi Haryani Hassim mimiharyani@utm.my 010-5744519 Dr. Saharudin Haron saharudinh@utm.my 019-7790074
	MKTH1223/ METW1213	1	06	31/10/2026 – 1/11/2026 12/12/2026 – 13/12/2026 16/1/2026 – 17/1/2026 Saturday & Sunday 9.00am - 5.00pm	Dr. Norafneeza Norazahar norafneeza@utm.my 017-9285008
	METW1323	1	06	17/10/2026 – 18/10/2026 21/11/2026 – 22/11/2026 2/1/2026 – 3/1/2026 Saturday & Sunday 9.00am - 5.00pm	Dr. Nur Hafizah Ab. Hamid nurhafizah.abhamid@utm.my 010-64142077
Elective Course	MKTH1313	1	06	14/11/2026 – 15/11/2026 19/12/2026 – 20/12/2026 23/1/2027 – 24/1/2027 Saturday & Sunday 9.00am - 5.00pm	Prof. Dr. Zainura Zainon Noor zainurazn@utm.my 010-64142077