Faculty	**Faculty of Chemical and Energy Engineering**
Program Name	**Master of Gas Engineering and Management**
ProQram Code	**METM**
Mode of Proqram	**Taught Course**
Academic Session / Semester	**2026/2027-1**

COURSE MENU

University General Course {Choose 1 ONLY) - Subject to availability		
Course Code	**Course Name**	**Credit**
UBSS6013	Organizational Behavior and Development	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UHMS6013	Seminar on Global Development, Economic and Social Issues	3
UHMZ6023	Malaysia Society and Culture	3
UHIS6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UHLM6013	Bahasa Malaysia Penulisan Ilmiah	3
URTS6013	Environmental Ethics	3
UECS6013	IT Project Management	3
UECS6023	Introduction to Technopreneurship	3
UMJJ6013	Basic Japanese Language & Culture	3

PROGRAMME CORE COURSES		
Course Code	**Course Name**	**Credit**
METM 1113	Hydrocarbon Gas Project Planning, Development and Financing	3
METM 1123	Asset Management and Control	3
METM 1133	Risk and Safety Management	3
METM 1143	Hydrocarbon Gas Storage System	3
METM 1153	Hydrocarbon Gas Exploration, Production and Processing	3
METM 1163	Hydrocarbon Gas Supply Engineering and Transportation	3
METU 1013	Research Methodology	3

ELECTIVE COURSES {Choose 2 ONLY) - Subject to availability		
Course Code	**Course Name**	**Credit**
METM 1213	Flow Measurement	3
METM 1223	Fire and Explosion	3
METM 1233	Energy Management	3
METM 1243	LNG Technology	3
METM 1253	Membrane Technology for Gas Separation	3
METM 1263	Hydrocarbon Gas Contract Negotiation and Implementation	3
METW 1233	Crisis and Emergency Management	3
METW 1253	Asset Integrity	3
METW 1323	Pollution Control Technology	3
METK 1143	Project Management for Engineering and Technology	3
METS 1103	Biotechnology for Engineers	3
METR 1153	Polymer Rheology and Processing	3

Project {Compulsory)		
Course Code	**Course Name**	**Credit**
METM 1314	Graduate Project I	4
METM 1326	Graduate Project II	6
TOTAL CREDIT		40

Nama Penyelaras **Dr. Mohd Nazri Mohd Sokri**
Email **nazrisokri@utm.my (h/p: 017-7996378)**

PROGRAM STRUCTURE (METMA1AJA- 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://lsps.utm.my/academic-related-resources/ for the University general courses schedule*				
Core Faculty Course	METU1013	1	01	Wednesday 2.00pm – 5.00pm	Prof. Madya Dr. Zainul Akmar Zakaria zainulakmar@utm.my 012-6270423
Core Courses	METM1263	1	01	Monday 8.00am – 11.00am	Ts. Dr. Norazana Ibrahim norazana@utm.my 019-7914029
	METM1133	1	01	Thursday 8.00am – 11.00am	Ts. Dr. Miss Hasimawaty Mat Kiah norazana@utm.my 013-7990429
	METM1123	1	01	Friday 8.00am – 11.00am	Dr. Aizuddin Supee aizuddin@utm.my 019-7893151
Elective Course	-	-	-	-	-