

Faculty/School	<b>Faculty of Chemical and Energy Engineering</b>
Program Name	<b>Master of Science (Herbal Technology)</b>
Program Code	<b>METT</b>
Mode of Program	<b>Taught Course</b>
Academic Session/ Semester	<b>2025/2026-1</b>

<b>University General Courses (Choose 1 ONLY)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
UHMS 6013	Seminar on Global Development Economic & Social Issues	3
UHMZ 6023*	Malaysian Society and Culture	3
UHLM 6013*	Malay Language Academic Writing	3
UHS 6013	Philosophy of Science and Civilization	3
UHPS6013	Dynamics of Leadership	3
UECS6013	IT Project Management	3
UBSS6013	Organizational Behavior and Development	3
URTS6013	Etika Alam Sekitar	3
UBSS6023	Business Ethics, Responsibility and Sustainability	3
UECS6023	Introduction to Technopreneurship	3

<b>Core Faculty Courses (Compulsory)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METT1013	Botany & Herbal Chemistry	3
METT1023	Herbal Quality Management	3
METT1033	Herbal Processing	3
METT1043	Product Formulation	3
METT1053	Practical Science and Herbal Technology	3
METT2073	Professional Halal Executive	3
METT2063	Research Methodology and Value Creation Through Innovation	3

<b>Elective Courses (Choose 2 only)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METT2053	Legislation and Registration of Herbal Product	3
METT2023	Nutraceutical and Functional Food	3
METT2013	Herbal Cosmeceutical	3
METB1143	Digital Transformation In The Process Industry	3

<b>Project (Compulsory)</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>
METT2014	Master Project 1	4
METT3016	Master Project 2	6
<b>TOTAL CREDIT</b>		<b>40</b>

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PROGRAM STRUCTURE (METTA1AJA – 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 <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	METT2063	1	01	Friday 8.00am – 11.00am	Prof. Madya Dr. Zainul Akmar Zakaria <a href="mailto:zainulakmar@utm.my">zainulakmar@utm.my</a> 0126270423
	METT1013	1	01	Monday 8.00am – 11.00am	Prof. Madya Dr. Chua Lee Suan <a href="mailto:chualeesuan@utm.my">chualeesuan@utm.my</a> 019-7214378
	METT1033	1	01	Wednesday 8.00am – 11.00am	Prof. Madya Dr. Liza Md Salleh <a href="mailto:r-liza@utm.my">r-liza@utm.my</a> 013-3106444
	METT1023	1	01	Thursday 8.00am – 11.00am	Prof. Madya Ir. Dr. Rosnani Hasham @ Hisam <a href="mailto:r-rosnani@utm.my">r-rosnani@utm.my</a> 013-7297705
Elective Courses	METT2013	1	01	Monday 2.00pm – 5.00pm	Dr. Mariani Abdul Hamid <a href="mailto:mariani@utm.my">mariani@utm.my</a> 012-6500076
	METT2023	1	01	Wednesday 2.00pm – 5.00pm	Dr. Mariani Abdul Hamid <a href="mailto:mariani@utm.my">mariani@utm.my</a> 012-6500076