

Faculty/School	Malaysia-Japan International Institute of Technology / Department of Chemical and Environmental Engineering
Program Name	Master of Disaster Risk Management
Program Code	MMJD
Mode of Program	Taught Course
Academic Session/ Semester	20242025/1

COURSE MENU

University General Courses		
Course Code	Course Name	Credit
UMJJ6013	Basic Japanese Language and Culture (MJIT)*	3
MMJP1183	Research Methodology (MJIT)*	3
UHAP6013	Seminar on Global Development, Economic and Social Issues	3
UHS 6013	Philosophy of Science and Civilization	3
UHAP 6013	Dynamics of Leadership	3
UBSE 1123	Organizational Behavior and Development	3
UECS 6023	Introduction to Technopreneur-ship	3
UHMZ 6023	Malaysian Society and Culture	3
UECS 6013	IT Project Management	3
URTS 6013	Environmental Ethics	3
UHLMZ 6013	Malay Language for Post Graduates	3
UBSS 6023	Business Ethics, Responsibility and Sustainability	3

*MJIT student is suggested to take UMJJ6013 and MMJP1183

Core Faculty Courses (Compulsory)		
Course Code	Course Name	Credit
MMJD1113	Natural Hazards & Integrated Disaster Risk Management	3
MMJD1263	Disaster Education & Preparedness for Social Resilience	3
MMJD1133	Control Measures & Mitigation Planning	3
MMJD1143	Emergency Response Planning & Communication	3
MMJD1153	Recovery & Reconstruction Management	3

*All core subjects need to be taken

Elective Courses (9 credit) (Choose 3 only)		
Course Code	Course Name	Credit
MMJD1123	Disaster Data Management & Forecasting	3
MMJD1293	Healthcare in Emergencies & Rehabilitation	3
MMJD1223	Flood Forecasting & Hazard Mapping	3
MMJD1243	Geoinformation in Disaster Risk Assessment	3

*Only choose 3 subjects

Research Courses (Compulsory)		
Course Code	Course Name	Credit
MMJD1226	Master Project 1	6
MMJD1376	Master Project 2	6

*Master project 1 in semester 2, Master project 2 in semester 3

PROGRAM STRUCTURE (MMJS Program)

SYLLABUS FOR SEMESTER 1	COURSE CODE	SEMESTER 1_20242025	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	MMJP 1183 Research Methodology (U)	1	01		Prof Dr Siti Hamidah Setapar siti-h@utm.my
	URTS 6013 Environmental Ethics	1	01		Ts. Dr Nor Fazilah Mohd Hashim fazilah.kl@utm.my
Core Faculty Courses	MMJD1113 Natural Hazards & Integrated Disaster Risk Management	1	01		Dr Nurul Zainab Along nurulzainab.along@utm.my
	MMJD1153 Recovery & Reconstruction Management	1	01		Ts Dr Faizah Che Ros crfaizah@utm.my
	MMJD1263 Disaster Education & Preparedness for Social Resilience	1	01		Dr Nurul Zainab Along nurulzainab.along@utm.my
	MMJD1133 Control Measures & Mitigation Planning	1	01		Dr Khamarrul Azahari Razak khamarrul.kl@utm.my
	MMJD1143 Emergency Response Planning & Communication	1	01		Dr Wan Nurul Mardhiah Wan Rani wnurul.kl@utm.my
SYLLABUS FOR SEMESTER 2	COURSE CODE	SEMESTER 2_20242025	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
Elective Course	MMJD1123 Disaster Data Management & Forecasting	2	01		Sr. Dr Shuib Rambat shuibrambat@utm.my
	MMJD1293 Healthcare in Emergencies & Rehabilitation	2	01		PM Dr Aznah Nor Anuar aznah@utm.my
	MMJD1223 Flood Forecasting & Hazard Mapping	2	01		Ts Dr Faizah Che Ros crfaizah@utm.my
Research Courses	MMJD1226 Master Project 1	2	01		
SYLLABUS FOR SEMESTER 3	COURSE CODE	SEMESTER 1_20252026	SECTION	DAY & TIME	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
Research Courses	MMJD1376 Master Project 2	3	01		