

Faculty/School	Malaysia-Japan International Institute of Technology / Department of Chemical and Environmental Engineering
Program Name	Master of Sustainability and Environmental Sciences (Joint Degree)
Program Code	MMJJ
Mode of Program	Taught Course
Academic Session/ Semester	20202021/1

COURSE MENU

University General Courses		
Course Code	Course Name	Credit
UMJG6013	Basic Japanese Language and Culture (MJIT)	3
MMJP 1183	Research Methodology (MJIT)	3

***Mohon senaraikan semua kursus yang berkenaan**

Core Faculty Courses (Compulsory)		
Course Code	Course Name	Credit
01AJ001	Introduction to Environmental Sciences	1
01AJ002	Exercises in Environmental Sciences	1
01AJ003	Field and Laboratory Practices in Environmental Sciences	1
01AJ004	Tsukuba-MJIT Joint Seminar	1
MMJS1133	Sustainability Management & Policy	3

***Mohon senaraikan semua kursus yang berkenaan**

Elective Courses (MJIT:9 credit, UT: 8 credit)		
Course Code	Course Name	Credit
MMJS1113	Applied Sustainable Systems (MJIT)	3
MMJS1123	Life Cycle Assessment (MJIT)	3
MMJS1143	Environmental Impact Assessment (MJIT)	3
MMJS1213	Green Economy (MJIT)	3
MMJS1323	Smart Communities (MJIT)	3
MMJS1333	Renewable Energy (MJIT)	3
MMJS1343	Sustainable Food Systems (MJIT)	3
MMJS1373	Low Carbon Cities (MJIT)	3
01AJ301	Simulation of Environmental Policy	2
01AJ302	Water Environment	2
01AJ303	Introduction to Waste Management	2
01AJ304/01AD312	Solid Waste Management and Systems Planning	2
01AJ305	Utilization and Recycling of Bio-resources	2
01AJ306	Tropical Climate and Global Monsoon	1
01AJ308	Terrestrial Ecology	1

***Mohon senaraikan semua kursus yang berkenaan**

Research Courses (Compulsory)		
Course Code	Course Name	Credit
MMJS1186	Master Project 1	6
MMJS1286	Master Project 2	6
01AJ101	Seminar in Environmental Sciences 1	2
01AJ102	Seminar in Environmental Sciences 2	2

***Mohon senaraikan semua kursus yang berkenaan**

PROGRAM STRUCTURE

SYLLABUS	COURSE CODE	SEMESTER	SECTION (for Semester 1)	DAY & TIME (for Semester 1)	LECTURER'S NAME & CONTACT NO : (Email & HP no.)
University General Courses	UMJG6013	4			
	MMJP 1183	1	3	Wednesday (2.00 – 4.50 pm)	DR. Fazrena Nadia, 019-3423958
Core Faculty Courses	01AJ001	3			Kazuya Shimizu, Tsukuba University
	01AJ002	3			Zhongfang Lei, Tsukuba University
	01AJ003	3			Kenichi Matsui, Tsukuba University
	01AJ004	2			MJIT/UT
	MMJS1133	1	1	Tuesday (2.00 – 4.50 pm)	Dr Faizah, 011-12366160 / Dr Norhuda, 013-3523775
Elective Courses	MMJS1113	1	1	Monday (10.00 – 11.50 am)	AP Dr Norhayati, 016-9033265
	MMJS1123				
	MMJS1143	1	1	Tuesday (10.00 – 12.50 pm)	Dr. Abdul Halim, 013-3334850
	MMJS1213	1	1	Monday (2.00 – 4.50 pm)	Dr. Nurulbahiyah, 016-2555435
	*MMJS1323	1/4			
	*MMJS1333	1/4			Dr Kamyar Shamley
	*MMJS1343	1/4			AP Dr Shaza Eva Mohammad
	*MMJS1373	1/4			Dr Shuib Rambat
	01AJ301	2			Takeshi Mizunoya, Tsukuba University
	01AJ302	3			Maki Tsujimura, Tsukuba University
	01AJ303	2			Tsukuba University

	01AJ305/01AD312	3			Tsukuba University
	*01AJ306	2/3			Helmut Friedrich Yabar Mostacero, Tsukuba University
	*01AJ307	2/3			Tsukuba University
	*01AJ308	2/3			Tsukuba University
Research Courses	MMJS1186	2			Dr Aznah, 019-7785616
	MMJS1286	4			
	01AJ101	2			Yoichi Kamae, Tsukuba University
	01AJ102	3			Yoichi Kamae, Tsukuba University