

Guidelines and Requirements

Joint Master's Degree Program in Sustainability and Environmental Sciences

Graduate School of Science and Technology

※1 Students registered at UT as Home Institution

※2 Students registered at MJIIT as Home Institution

Course Designation	Course Group	Course Name	Required Credits			
Core	Compulsory	Introduction to Environmental Sciences	1.0			
		Exercises in Environmental Sciences	1.0			
		Field and Laboratory Practices in Environmental Sciences	1.0			
		Tsukuba-MJIIT Joint Seminar	1.0			
		Sustainability Management and Policy	3.0			
Research	Compulsory Elective	UT and MJIIT Compulsory ※1	Seminar in Environmental Sciences 1 Seminar in Environmental Sciences 2	2.0 2.0		
		※2	Master Project 1	6.0		
		UT Compulsory ※1	Thesis Seminar in Environmental Sciences 2S Thesis Seminar in Environmental Sciences 2F	3.0 3.0		
		1	Master Project 2	6.0		
		MJIIT Compulsory ※2				
General	Compulsory Elective	UT Compulsory ※1	Research Management Skills Scientific Writing in English-Practice Debating Current Topics in Life Science and Engineering Applied Environmental Ethics(Introduction to English Presentation and Debate)	1.0 1.0 2.0 2.0		
		MJIIT Compulsory ※2	Research Methodology University Course	3.0 3.0		
		Elective	Elective	《University of Tsukuba》	Simulation of Environmental Policy Introduction to Water Environment Introduction to Waste Management Solid Waste Management Systems Planning Utilization and Recycling of Bioresources Tropical Climate and Global Monsoon Terrestrial Ecology Introduction to Environmental Policy	2.0 2.0 2.0 2.0 2.0 1.0 1.0 1.0
				《Malaysia-Japan International Institute of Technology》	Environmental Impact Assessment Life Cycle Assessment Renewable Energy Sustainable Food Systems Green Economy Low Carbon Cities Smart Communities Applied Sustainable Systems	3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0
				Total credits required for completion		46.0

Students are required to earn more than 46 credits in total, 29 credits from Compulsory courses and Compulsory Elective courses and 17 or more credits from Elective courses, consisted of 8 or more credits from UT courses and 9 or more credits from MJIIT courses. Students are required to pass the defense of Master's Thesis and final examinations.