Course Structure for M.A. Program
, Graduate Institute of Sustainability Management and Environmental Education
National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
115	17.0	15.0	0.0	32.0

Note: The first alphabet ”E” on the course name refers to the course in English as a medium of instruction

I. Required Courses: 14.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EEC8048	1 E Environmental Science	3.0	3.0	0.0	
EEC8056	2 E Research Methodology	3.0	3.0	0.0	
EEC8069	3 E Seminar (I)	2.0	2.0	0.0	
EEC8070	4 E Seminar (II)	2.0	2.0	0.0	
EEC8071	5 E Seminar (III)	2.0	2.0	0.0	
EEC8072	6 E Seminar (IV)	2.0	2.0	0.0	

II. Elective Courses: 0.0 credit is required

III. Courses Offered to Students in Different Divisions

Required Course, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EEC8022	1 E Studies in Environmental Education	3.0	3.0	0.0	

Elective Course: 15.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EEC8065	1 E Research on Sustainability Management	3.0	3.0	0.0	
EEC8074	2 E Environmental Monitoring and Remediation	3.0	3.0	0.0	
EEC8075	3 E Recycling and Waste Management	3.0	3.0	0.0	
EEC8076	4 E Climate Change Adaptation and Mitigation	3.0	3.0	0.0	
EEC0035	5 E Philosophy of Recreation and Leisure	3.0	3.0	0.0	
EEC8003	6 E Wetlands Environmental Education	3.0	3.0	0.0	
EEC8010	7 E Sustainability Sciences	3.0	3.0	0.0	
EEC8012	8 E Methods for Eco-information Analysis	3.0	3.0	0.0	
EEC8024	9 E Research Methodology of Environmental Education	3.0	3.0	0.0	
EEC8049	10 E Environmental Information and Spatial Visualization	3.0	3.0	0.0	
EEC8050	11 E International Environmental Communication	3.0	3.0	0.0	
EEC8051	12 E Environmental Systems Analysis	3.0	3.0	0.0	
EEC8079	13 E Climate Change and Disaster Risk	3.0	3.0	0.0	
EEC8059	14 E Conservation Psychology	3.0	3.0	0.0	
EEC8066	15 E Climate Change and Society Studies	3.0	3.0	0.0	
EEC8081	16 E Agricultural Tourism and Sustainable Management of Natural Resources	3.0	3.0	0.0	
EEC8002	17 E Environmental Ethics	3.0	3.0	0.0	
EEC8027	18 E Environmental Communication	3.0	3.0	0.0	
EEC8087	19 Ecosystem Services and Natural Capital	3.0	3.0	0.0	
EEC8086	20 Statistical Analysis for Sustainable Behavior and Management	3.0	3.0	0.0	
EEC8085	21 Artificial Intelligence and Its Applications in Sustainability Management	3.0	3.0	0.0	
EEC8088	22 E Resource Economics	3.0	3.0	0.0	

IV. Free Elective Credits: 0.0 credit is required

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Note: The first alphabet ”E” on the course name refers to the course in English as a medium of instruction

I. Required Courses: 14.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EEC8048	1 E Environmental Science	3.0	3.0	0.0	
EEC8056	2 E Research Methodology	3.0	3.0	0.0	
EEC8069	3 E Seminar (I)	2.0	2.0	0.0	
EEC8070	4 E Seminar (II)	2.0	2.0	0.0	
EEC8071	5 E Seminar (III)	2.0	2.0	0.0	
EEC8072	6 E Seminar (IV)	2.0	2.0	0.0	

II. Elective Courses: 0.0 credit is required

III. Courses Offered to Students in Different Divisions

Required Course, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EEC8065	1 E Research on Sustainability Management	3.0	3.0	0.0	

Elective Course: 15.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
EEC8022	1 E Studies in Environmental Education	3.0	3.0	0.0	
EEC8074	2 E Environmental Monitoring and Remediation	3.0	3.0	0.0	
EEC8075	3 E Recycling and Waste Management	3.0	3.0	0.0	
EEC8076	4 E Climate Change Adaptation and Mitigation	3.0	3.0	0.0	
EEC0035	5 E Philosophy of Recreation and Leisure	3.0	3.0	0.0	
EEC8003	6 E Wetlands Environmental Education	3.0	3.0	0.0	
EEC8010	7 E Sustainability Sciences	3.0	3.0	0.0	
EEC8012	8 E Methods for Eco-information Analysis	3.0	3.0	0.0	
EEC8024	9 E Research Methodology of Environmental Education	3.0	3.0	0.0	
EEC8049	10 E Environmental Information and Spatial Visualization	3.0	3.0	0.0	
EEC8050	11 E International Environmental Communication	3.0	3.0	0.0	
EEC8051	12 E Environmental Systems Analysis	3.0	3.0	0.0	
EEC8079	13 E Climate Change and Disaster Risk	3.0	3.0	0.0	
EEC8059	14 E Conservation Psychology	3.0	3.0	0.0	
EEC8066	15 E Climate Change and Society Studies	3.0	3.0	0.0	
EEC8081	16 E Agricultural Tourism and Sustainable Management of Natural Resources	3.0	3.0	0.0	
EEC8002	17 E Environmental Ethics	3.0	3.0	0.0	
EEC8027	18 E Environmental Communication	3.0	3.0	0.0	
EEC8087	19 Ecosystem Services and Natural Capital	3.0	3.0	0.0	
EEC8086	20 Statistical Analysis for Sustainable Behavior and Management	3.0	3.0	0.0	
EEC8085	21 Artificial Intelligence and Its Applications in Sustainability Management	3.0	3.0	0.0	
EEC8088	22 E Resource Economics	3.0	3.0	0.0	

IV. Free Elective Credits: 0.0 credit is required