

Course Structure for M.A. Program
Graduate Institute of Green Energy and Sustainable Technology
National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
112	3.0	15.0	6.0	24.0

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

I. Required Courses: 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
COC8001	1 E Seminar	1.0	0.0	2.0	This course must be retaken with a passing score for 3 times

II. Elective Courses: 15.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
GSC8001	1 Introduction to Energy Technology	3.0	3.0	0.0	
GSC8002	2 Renewable Energy	3.0	3.0	0.0	
EEC8065	3 E Research on Sustainability Management	3.0	3.0	0.0	
GSC8003	4 Materials for Energy Applications	3.0	3.0	0.0	
GSC8004	5 Green Energy Technology and Enzyme Chemistry	3.0	3.0	0.0	
GSC8005	6 Energy Storage Technology	3.0	3.0	0.0	
GSC8006	7 Green Energy and Technologies on Intelligent Vehicles	3.0	3.0	0.0	
GSC8007	8 Solar Energy	3.0	3.0	0.0	
GSC8008	9 Vehicle Alternative Fuels	3.0	3.0	0.0	
GSC8009	10 Power Electronic for Green Energy Systems	3.0	3.0	0.0	
GSC8010	11 Application Software and Program Designs for Green Energy Systems	3.0	3.0	0.0	

III. Free Elective Credits: 6.0 credits are required