

Course Structure for M.A. Program

Cellular and Molecular GPE, Department of Life Science

National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
115	0.0	14.0	10.0	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: 0.0 credit is required

II. Elective Courses: 0.0 credit is required

III. Courses Offered to Students in Different Divisions

Required Course, 0.0 credit is required

Elective Course: 14.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
BIC0016	1 E Topics in Plant Molecular Biology	2.0	2.0	0.0	
BIC9057	2 E Histology	2.0	2.0	0.0	
BIC9056	3 E Introduction in Virology	2.0	2.0	0.0	
BIC8027	4 E Topics in Virology	2.0	2.0	0.0	
BIC8028	5 E Apply Sciences Lead to Biotechnology Industry	2.0	2.0	0.0	
BIC8030	6 E Comprehensive Biotech Practice-From Micro Molecular Biology to Macro Physiology	3.0	3.0	0.0	
BIC7005	7 E Drug Development and Translational Medicine	2.0	2.0	0.0	
NSC9002	8 E Molecular Nutrition	2.0	2.0	0.0	
BIC9063	9 E Plant Molecular Biology	2.0	2.0	0.0	
BIC9062	10 E Plant Cell and Tissue Culture	3.0	3.0	0.0	
BIC9065	11 E Introduction to Biomaterials	3.0	3.0	0.0	
BIC9009	12 E Plant Genetic Engineering	3.0	3.0	0.0	
BIC9061	13 E Oncology Journal Reading and Discussion	2.0	2.0	0.0	

IV. Free Elective Credits: 10.0 credits are required

Foreign Students:Courses Instructed in English/Chinese. Domestic Students: Courses Instructed in English.