

Course Structure for Ph. D 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	
BIC8027	2 E Topics in Virology	2.0	2.0	0.0	
BIC8028	3 E Apply Sciences Lead to Biotechnology Industry	2.0	2.0	0.0	
BIC8030	4 E Comprehensive Biotech Practice-From Micro Molecular Biology to Macro Physiology	3.0	3.0	0.0	
DID0003	5 E Advanced Microbiology	3.0	3.0	0.0	
BIC7005	6 E Drug Development and Translational Medicine	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.