

Course Structure for Ph. D Program
Taiwan International Graduate Program on Biodiversity
National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
113	12.0	6.0	0.0	18.0

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

I. Required Courses: 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
DIC8042	1 E Population Genetics and Evolution A	3.0	3.0	0.0	
DIC8001	2 E Ecology and Conservation	3.0	3.0	0.0	
DIC8027	3 E Lab Rotations	1.0	1.0	0.0	This course must be retaken with a passing score for 2 times
DIC8026	4 E Seminar	1.0	1.0	0.0	This course must be retaken with a passing score for 4 times

II. Elective Courses: 6.0 credits are required

Direct Admission to Doctoral Program from Master's Program must Practice 18 credits

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
DIC8029	1 E Biological Modeling	3.0	3.0	0.0	
DID0001	2 E Marine Ecosystems	3.0	3.0	0.0	
DID0016	3 E Ecological and Evolutionary Genomics	3.0	3.0	0.0	
DIC8012	4 E Biostatistics	3.0	3.0	0.0	
DID0012	5 E Molecular Evolution A	3.0	3.0	0.0	
DIC8033	6 E Evolutionary Biology A	3.0	3.0	0.0	
DIC8034	7 E Systematics A	3.0	3.0	0.0	
DIC8035	8 E Biodiversity A	3.0	3.0	0.0	
DIC8036	9 E Behavioral Ecology A	3.0	3.0	0.0	
DIC8037	10 E Population Ecology A	3.0	3.0	0.0	
DIC8038	11 E Topics on Bioinformatics A	3.0	3.0	0.0	
DIC8039	12 E Biomathematics A	3.0	3.0	0.0	
DIC8040	13 E Writing and Presentation of Biological Research A	3.0	3.0	0.0	
DIC8041	14 E Adaptation and Selection A	2.0	2.0	0.0	
DIC8043	15 E Ecological and Evolutionary Genomics A	3.0	3.0	0.0	
DID0004	16 E Disease Ecology A	3.0	3.0	0.0	
DIC8045	17 E Conservation Biology A	3.0	3.0	0.0	
DIC8046	18 E Biogeography A	3.0	3.0	0.0	
DIC8047	19 E Microbial Ecology and Diversity	3.0	3.0	0.0	
DID0003	20 E Advanced Microbiology	3.0	3.0	0.0	
DID0008	21 E Estuary Ecology	3.0	3.0	0.0	
DID0006	22 E Ecosystem Ecology	3.0	3.0	0.0	
DID0007	23 E Ecological Statistics	3.0	3.0	0.0	
DID0005	24 E Molecular Phylogeny	3.0	3.0	0.0	
DID0009	25 E Advanced Bioinformatics	3.0	3.0	0.0	
DID0011	26 E Ecology Masterclass at Taiwan	3.0	3.0	0.0	
DID0013	27 E Diversity and Evolution of Eukaryotes	3.0	3.0	0.0	
DID0014	28 E Geospatial Information Technology and Analysis	3.0	3.0	0.0	

III. Free Elective Credits: 0.0 credit is required