

Course Structure for Ph. D Program

Graduate Institute of Curriculum and Instruction

National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
115	6.0	21.0	9.0	36.0

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

I. Required Courses: 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
ECD0001	1 Special Topics on Curriculum Theories	3.0	3.0	0.0	
ECD0002	2 Special Topics on Instruction Theories	3.0	3.0	0.0	

II. Elective Courses: 21.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 subjects of fundamental theories in education 3.0 credits are required					
EDC0075	1-1 Studies in Educational Philosophy	3.0	3.0	0.0	
EDC0077	1-2 Studies in Educational Psychology	3.0	3.0	0.0	
EDC0157	1-3 Studies in Educational History	3.0	3.0	0.0	
EDC0076	1-4 Studies in Sociology of Education	3.0	3.0	0.0	
EDC0006	1-5 Studies in Educational Anthropology	3.0	3.0	0.0	
EDC0222	1-6 Critical Study in Selected English Educational Readings	3.0	3.0	0.0	
2 research instruments and methods 6.0 credits are required					
EDC0187	2-1 Narrative Research	3.0	3.0	0.0	
EDC0189	2-2 Discourse Analysis	3.0	3.0	0.0	
EDC0002	2-3 Methodology of Comparative Education	3.0	3.0	0.0	
EDC0195	2-4 Methods of Historical Research on Education	3.0	3.0	0.0	
EDC0212	2-5 Studies in Ethnography of Schooling	3.0	3.0	0.0	
ECC0027	2-6 Telecommunications and Educational Research	3.0	3.0	0.0	
ECC0009	2-7 Design and Practice of Meta-Analysis	3.0	3.0	0.0	
EDD0001	2-8 Methodology of Pedagogy	3.0	3.0	0.0	
EDD0109	2-9 Special Topics on Qualitative Research Methodology	3.0	3.0	0.0	
EDD0155	2-10 Special Topics on Quantitative Research Methodology	3.0	3.0	0.0	
E0C8008	2-11 E Categorical Analysis	3.0	3.0	0.0	
E0C8001	2-12 Advanced Educational Statistics (A)	3.0	3.0	0.0	
E0C8002	2-13 Advanced Educational Statistics (B)	3.0	3.0	0.0	
E0C8004	2-14 Multivariate Analysis Statistics	3.0	3.0	0.0	
3 specialized-elective courses 12.0 credits are required					
ECC8005	3-1 Studies in Gender and Technology	3.0	3.0	0.0	
ECC0017	3-2 Studies in Innovation of Curriculum	3.0	3.0	0.0	
ECC0018	3-3 Studies in Curriculum Evaluation	3.0	3.0	0.0	
ECC0021	3-4 Studies in Comparative Curriculum	3.0	3.0	0.0	
ECC0020	3-5 Studies in School-Based Curriculum Development	3.0	3.0	0.0	
ECC0022	3-6 Studies in Textbook and Curriculum Materials	3.0	3.0	0.0	
ECC0023	3-7 Studies in Emerging Issues in Curriculum and Instruction	3.0	3.0	0.0	
ECC8004	3-8 Studies in Learning Sciences	3.0	3.0	0.0	
ECC0024	3-9 Studies in Curriculum and Instruction of Content Area Reading	3.0	3.0	0.0	
ECC8002	3-10 E Constructivism in Curriculum and Instruction	3.0	3.0	0.0	
ECC8001	3-11 The Application of Affective Education on Curriculum and Instruction	3.0	3.0	0.0	
ECC8003	3-12 Studies in Instructional Assessment	3.0	3.0	0.0	
ECC8007	3-13 Studies in Teacher Teaching	3.0	3.0	0.0	
ECC8006	3-14 Studies in Culturally Responsive Teaching and Multicultural Curriculum	3.0	3.0	0.0	
ECC8008	3-15 Studies in Cross-Disciplinary Aesthetic Curriculum and Instruction	3.0	3.0	0.0	
ECD0015	3-16 Special Topics on Curriculum History	3.0	3.0	0.0	
ECD0014	3-17 Special Topics on Knowledge and Curriculum	3.0	3.0	0.0	
ECD0006	3-18 Special Topics on Teacher Professional Development	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
ECD0017	3-19 Special Topics on Academic Motivation and Instruction	3.0	3.0	0.0	
ECD0009	3-20 Special Topics on Multicultural Curriculum and Instruction	3.0	3.0	0.0	

III. Free Elective Credits: 9.0 credits are required