

## Course Structure for Ph. D Program

Division of Child Development and Education, Department of Child and Family Science

### National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
112	7.0	15.0	8.0	30.0

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, 7.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
E0C8002	1 E Advanced Educational Statistics (B)	3.0	3.0	0.0	Students can also take Advanced Educational Statistics (A) instead.
HGD0213	2 Seminar (III)	2.0	2.0	0.0	
HGD0214	3 Seminar (IV)	2.0	2.0	0.0	

Elective Course: 15.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
<b>1 Research Method (I) 1 course is least required</b>					
HGD0001	1-1 Methodology	3.0	3.0	0.0	
HGD0080	1-2 Children Research Design	3.0	3.0	0.0	
<b>2 Professional Courses 4 courses are least required, at least 3 courses required for the major domain. At least 1 course required for another domain.</b>					
<b>2-1 Domain of Early Childhood Development 1 course is least required, at least 3 courses required for the major domain.</b>					
HGC0079	2-1-1 Studies in Play Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGC0028	2-1-2 Constructivist Theory and Educational Implications in Early Childhood Education	3.0	3.0	0.0	
HGC8002	2-1-3 E Studies in Bilingualism in Infancy and Early Childhood	3.0	3.0	0.0	
HGC0069	2-1-4 Studies in Reading and Writing of Young Children	3.0	3.0	0.0	
HGC8001	2-1-5 Studies in Social Perceptual Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGC8007	2-1-6 E Studies in Cognitive Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGC8006	2-1-7 Studies in Language Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGC8012	2-1-8 E Studies in Cross-Cultural Studies in Child Development	3.0	3.0	0.0	
HGC8010	2-1-9 Studies in Family Theories	3.0	3.0	0.0	
HGD0053	2-1-10 Special Topics in Children and Family	3.0	3.0	0.0	
HGD0120	2-1-11 Special Topics on Developmental Cognitive Neuroscience	3.0	3.0	0.0	
HGD0102	2-1-12 Special Topics on Language Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGD0103	2-1-13 Special Topics on Narrative Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGD0119	2-1-14 E Special Topics on the Social and Personality Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGD0216	2-1-15 Special Topics on Culture and Child Development	3.0	3.0	0.0	
<b>2-2 Domain of Early Childhood Education 1 course is least required, at least 3 courses required for the major domain.</b>					
HGC0079	2-2-1 Studies in Play Development in Infancy and Early Childhood	3.0	3.0	0.0	
HGC0028	2-2-2 Constructivist Theory and Educational Implications in Early Childhood Education	3.0	3.0	0.0	
HGC8002	2-2-3 E Studies in Bilingualism in Infancy and Early Childhood	3.0	3.0	0.0	
HGC0089	2-2-4 Studies in Early Childhood Curriculum	3.0	3.0	0.0	
HGC0011	2-2-5 Educational Evaluation of Early Childhood	3.0	3.0	0.0	
HGC0022	2-2-6 Studies in Administration in Early Childhood Education	3.0	3.0	0.0	
HGC8005	2-2-7 Studies in Parent Education	3.0	3.0	0.0	
HGC8008	2-2-8 Studies in Literature for Children	3.0	3.0	0.0	
HGC8013	2-2-9 Studies in Multicultural Early Childhood Education	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
HGC8011	2-2-10 Studies in Family Life Education and Communication	3.0	3.0	0.0	
HGD0053	2-2-11 Special Topics in Children and Family	3.0	3.0	0.0	
HGD0121	2-2-12 Special Topics on Multicultural Early Childhood Education	3.0	3.0	0.0	
HGD0022	2-2-13 Special Topics in Early Childhood Education	3.0	3.0	0.0	
HGD0223	2-2-14 Special Topics on Performance Assessment in Early Childhood	3.0	3.0	0.0	
3 Research Method (II)					
E0C8004	3-1 Multivariate Analysis Statistics	3.0	3.0	0.0	
E0C8003	3-2 Advanced Statistical Data Processing and Analysis	3.0	3.0	0.0	

IV. Free Elective Credits: 8.0 credits are required