Course Structure for Ph. D Program
Department of Educational Psychology and Counseling
National Taiwan Normal University

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
108	Program of Educational Psychology 4.0 Program of Assessment Technology 8.0 Program of Counseling Psychology 17.0	Program of Educational Psychology 20.0 Program of Assessment Technology 16.0 Program of Counseling Psychology 9.0	Program of Educational Psychology 0.0 Program of Assessment Technology 0.0 Program of Counseling Psychology 0.0	Program of Educational Psychology 24.0 Program of Assessment Technology 24.0 Program of Counseling Psychology 26.0

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

I. Required Courses: 2.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PCC8011	1　Academic Orientation and Professional Development	2.0	2.0	0.0	

II. Elective Courses: 0.0 credit is required

III. Courses Offered to Students in Different Divisions

A-1. Required Course for Program of Educational Psychology, 2.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PCD1001	1　Studies in Contemporary Educational Psychology	2.0	2.0	0.0	

A-2. Elective Course for Program of Educational Psychology, 20.0 credits are required

Professional Courses

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
	1 Domain of the Statistics and Research Methods 2 courses are least required				
	1-1 Statistics				
E0C8004	1-1-1　Multivariate Analysis Statistics	3.0	3.0	0.0	
E0C8005	1-1-2　Structural Equation Models	3.0	3.0	0.0	
E0C8008	1-1-3　Categorical Analysis	3.0	3.0	0.0	
PCD0051	1-1-4　Experimental Design	2.0	2.0	0.0	
	1-2 Research Methods				
E0C8003	1-2-1　Advanced Statistical Data Processing and Analysis	3.0	3.0	0.0	
PCC0031	1-2-2　Qualitative Research	2.0	2.0	0.0	
PCC0068	1-2-3　Advanced Qualitative Research Methods and Data Analysis	2.0	2.0	0.0	
PCC0071	1-2-4　Experimental Technique for Cognitive Psychology	3.0	3.0	0.0	
PCC0123	1-2-5　Mixed Methodology	3.0	3.0	0.0	
	2 Domain of the Cognition/Learning/Instruction and the Personality/Development/Social Psychology 3 courses are least required				
PCC0029	2-1　Special Topics in Psychology of Reading	3.0	3.0	0.0	
PCC0073	2-2　Cognition and Emotion	3.0	3.0	0.0	
PCC0074	2-3　Special Topics in Humor Psychology	3.0	3.0	0.0	
PCC0087	2-4　Studies in Cognitive Psychology	3.0	3.0	0.0	
PCC0095	2-5　Special Topics in The Psychology of Judgment and Decision Making	3.0	3.0	0.0	
PCC0101	2-6　Special Topics in Psychology of E-learning	3.0	3.0	0.0	
PCC0125	2-7　Special Topics in Learning Diagnosis and Guidance	3.0	3.0	0.0	
PCC0132	2-8　Special Topics on Cognitive Neuroscience	3.0	3.0	0.0	
PCC0135	2-9　Special Topics on Learning and Instructional Psychology	3.0	3.0	0.0	
PCC0137	2-10　Cognitive Processing and Learning in Mathematics	3.0	3.0	0.0	
PCC8015	2-11　Special Topics in Eye Movement and Reading Processes	3.0	3.0	0.0	
PCC8021	2-12　Studies in Human Intelligence	2.0	2.0	0.0	
PGCA003	2-13　Studies in School Psychology	3.0	3.0	0.0	
PCC0111	2-14　Special Topics in Social Psychology	2.0	2.0	0.0	
PCC0112	2-15　Special Topics in Developmental Psychology	3.0	3.0	0.0	
PCC0113	2-16　Special Topics in Theories of Personality	3.0	3.0	0.0	
PCC0014	2-17　Special Topics in Motivation Psychology	2.0	2.0	0.0	
PCC0115	2-18　Studies in Social and Emotional Development	3.0	3.0	0.0	
PCC0116	2-19　Studies in Adolescent Psychology	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
	3 Domain of the Test Theory and Application				
PCC0108	3-1 Studies in Computerized Testing	2.0	2.0	0.0	
PCC0118	3-2 Studies in Test Construction	3.0	3.0	0.0	
PCC0119	3-3 Special Topics in Individual Intelligence Testing	3.0	3.0	0.0	
PCD0065	3-4 Career Assessment: Theory and Practice	3.0	3.0	0.0	
PCC8002	3-5 Cognitively Diagnostic Assessment	3.0	3.0	0.0	
PCC8004	3-6 Special Topics on Test Model and Assessment Technology	3.0	3.0	0.0	
PCC8005	3-7 Advanced Computerized Adaptive Testing	3.0	3.0	0.0	
PCC8008	3-8 Mathematic Foundation of Test	3.0	3.0	0.0	
PCC8009	3-9 Criterion-Referenced Assessment	3.0	3.0	0.0	
PCD0028	3-10 Modern Mental Test Theories	2.0	2.0	0.0	
PCD0047	3-11 Application of Item Response Theories	2.0	2.0	0.0	
PCD0061	3-12 Special Topics in Item Writing Theory and System	2.0	2.0	0.0	
PCD2012	3-13 Internship in Educational Psychology and Measurement (I)	1.0	0.0	2.0	
PCD2013	3-14 Internship in Educational Psychology and Measurement (II)	1.0	0.0	2.0	
PCD0067	3-15 Scaling Method	3.0	3.0	0.0	
	4 Domain of the Mathematical Statistics				
E0C8006	4-1 Hierachical Linear Models	3.0	3.0	0.0	
	5 Domain of the Digital Technology				
PCC8010	5-1 Applying Digital Teaching and Assessment	3.0	3.0	0.0	
PCC8012	5-2 Special Topics on Simulation-Based Computer Assisted Learning	3.0	3.0	0.0	

B-1. Required Course for Program of Assessment Technology, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PCC8004	1 Special Topics on Test Model and Assessment Technology	3.0	3.0	0.0	
PCC8008	2 Mathematic Foundation of Test	3.0	3.0	0.0	

B-2. Elective Course for Program of Assessment Technology, 16.0 credits are required

Professional Courses

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
	1 Domain of the Test Theory and Application 1 course is least required				
PCC0108	1-1 Studies in Computerized Testing	2.0	2.0	0.0	
PCC0118	1-2 Studies in Test Construction	3.0	3.0	0.0	
PCC0119	1-3 Special Topics in Individual Intelligence Testing	3.0	3.0	0.0	
PCD0065	1-4 Career Assessment: Theory and Practice	3.0	3.0	0.0	
PCC8002	1-5 Cognitively Diagnostic Assessment	3.0	3.0	0.0	
PCC8005	1-6 Advanced Computerized Adaptive Testing	3.0	3.0	0.0	
PCC8009	1-7 Criterion-Referenced Assessment	3.0	3.0	0.0	
PCD0028	1-8 Modern Mental Test Theories	2.0	2.0	0.0	
PCD0047	1-9 Application of Item Response Theories	2.0	2.0	0.0	
PCD0061	1-10 Special Topics in Item Writing Theory and System	2.0	2.0	0.0	
PCD0067	1-11 Scaling Method	3.0	3.0	0.0	
	2 Domain of the Mathematical Statistics 1 course is least required				
E0C8004	2-1 Multivariate Analysis Statistics	3.0	3.0	0.0	
E0C8005	2-2 Structural Equation Models	3.0	3.0	0.0	
E0C8006	2-3 Hierachical Linear Models	3.0	3.0	0.0	
E0C8008	2-4 Categorical Analysis	3.0	3.0	0.0	
	3 Domain of the Applying Digital 1 course is least required				
PCC8010	3-1 Applying Digital Teaching and Assessment	3.0	3.0	0.0	
PCC8012	3-2 Special Topics on Simulation-Based Computer Assisted Learning	3.0	3.0	0.0	
PCC0101	3-3 Special Topics in Psychology of E-learning	3.0	3.0	0.0	

C-1. Required Course for Program of Counseling Psychology, 15.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PCD1004	1 Advanced Special Topics on Counseling Theories	3.0	3.0	0.0	
PCD2008	2 Advanced Practicum in Counseling Psychology (I)	2.0	0.0	4.0	
PCD2009	3 Advanced Practicum in Counseling Psychology (II)	2.0	0.0	4.0	
PCD2006	4 Counseling Supervision and Practicum (I)	2.0	1.0	2.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PCD2007	5 Counseling Supervision and Practicum (II)	2.0	1.0	2.0	
PCD2010	6 Advanced Internship in Counseling Psychology (I)	2.0	1.0	3.0	
PCD2011	7 Advanced Internship in Counseling Psychology (II)	2.0	1.0	3.0	

C-2. Elective Course for Program of Counseling Psychology, 9.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
	1 Basis of the Psychology 1 course is least required				
	1-1 Domain of the Basis of Physiology				
PCC0098	1-1-1 Neuron Pharmacology	3.0	3.0	0.0	
PCC0107	1-1-2 Study in Physiological Psychology	3.0	3.0	0.0	
	1-2 Domain of the Cognition/Learning/Instruction				
PCC0029	1-2-1 Special Topics in Psychology of Reading	3.0	3.0	0.0	
PCC0073	1-2-2 Cognition and Emotion	3.0	3.0	0.0	
PCC0074	1-2-3 Special Topics in Humor Psychology	3.0	3.0	0.0	
PCC0087	1-2-4 Studies in Cognitive Psychology	3.0	3.0	0.0	
PCC0095	1-2-5 Special Topics in The Psychology of Judgment and Decision Making	3.0	3.0	0.0	
PCC0101	1-2-6 Special Topics in Psychology of E-learning	3.0	3.0	0.0	
PCC0132	1-2-7 Special Topics on Cognitive Neuroscience	3.0	3.0	0.0	
PCC0135	1-2-8 Special Topics on Learning and Instructional Psychology	3.0	3.0	0.0	
PCC0137	1-2-9 Cognitive Processing and Learning in Mathematics	3.0	3.0	0.0	
PCC8015	1-2-10 Special Topics in Eye Movement and Reading Processes	3.0	3.0	0.0	
PCC8021	1-2-11 Studies in Human Intelligence	2.0	2.0	0.0	
	1-3 Domain of the Personality/Development/Social Psychology				
PCC0111	1-3-1 Special Topics in Social Psychology	2.0	2.0	0.0	
PCC0112	1-3-2 Special Topics in Developmental Psychology	3.0	3.0	0.0	
PCC0113	1-3-3 Special Topics in Theories of Personality	3.0	3.0	0.0	
PCC0014	1-3-4 Special Topics in Motivation Psychology	2.0	2.0	0.0	
PCC0115	1-3-5 Studies in Social and Emotional Development	3.0	3.0	0.0	
PCC0116	1-3-6 Studies in Adolescent Psychology	3.0	3.0	0.0	
	1-4 Domain of the Health and Abnormal Psychology				
PCC0114	1-4-1 Special Topics in Abnormal Psychology	3.0	3.0	0.0	
	2 Methodology 1 course is least required				
	2-1 Domain of the Statistics				
E0C8001	2-1-1 Advanced Educational Statistics (A)	3.0	3.0	0.0	
E0C8004	2-1-2 Multivariate Analysis Statistics	3.0	3.0	0.0	
E0C8005	2-1-3 Structural Equation Models	3.0	3.0	0.0	
E0C8008	2-1-4 Categorical Analysis	3.0	3.0	0.0	
PCD0051	2-1-5 Experimental Design	2.0	2.0	0.0	
	2-2 Domain of the Research Methods				
E0C8003	2-2-1 Advanced Statistical Data Processing and Analysis	3.0	3.0	0.0	
PCC0031	2-2-2 Qualitative Research	2.0	2.0	0.0	
PCC0068	2-2-3 Advanced Qualitative Research Methods and Data Analysis	2.0	2.0	0.0	
PCC0123	2-2-4 Mixed Methodology	3.0	3.0	0.0	
PCD0067	2-2-5 Scaling Method	3.0	3.0	0.0	
	3 Domain of the Professional Courses 1 course is least required				
	3-1 Domain of the Professional and Ethical Issues				
PCC0096	3-1-1 Ethical Problems in Counseling	3.0	3.0	0.0	
	3-2 Domain of the Psychological Assessment and Diagnosis				
PCD0044	3-2-1 Personality Development and Psychopathology	3.0	3.0	0.0	
PCC0064	3-2-2 Special Topics in Psychological Assessment	3.0	3.0	0.0	
PCC0119	3-2-3 Special Topics in Individual Intelligence Testing	3.0	3.0	0.0	
PCC0125	3-2-4 Special Topics in Learning Diagnosis and Guidance	3.0	3.0	0.0	
	3-3 Domain of the Counseling Intervention Strategy and Process				
	3-3-1 Theory of Counseling and Psychotherapy				
PCC0006	3-3-1-1 Studies in Time-limited Psychotherapy	3.0	3.0	0.0	
PCC0037	3-3-1-2 Interpersonal Process in Psychotherapy	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PCC0134	3-3-1-3 Object Relations Theory and Practices	3.0	3.0	0.0	
PCC8016	3-3-1-4 Attachment-Based Psychotherapy	3.0	3.0	0.0	
PCC8018	3-3-1-5 Strengths-Based Therapy	3.0	3.0	0.0	
3-3-2 Techniques of Counseling and Psychotherapy					
PCC0062	3-3-2-1 Special Topics in Play Therapy	3.0	3.0	0.0	
PCC0080	3-3-2-2 Special Topics in Family Violence and Sexual Abuse	3.0	3.0	0.0	
PCC0102	3-3-2-3 Studies in Dream Work	3.0	3.0	0.0	
PCC0126	3-3-2-4 Techniques of Case Studies	3.0	3.0	0.0	
PCC0131	3-3-2-5 Trauma Psychotherapy	3.0	3.0	0.0	
PCC0139	3-3-2-6 Crisis Intervention	3.0	3.0	0.0	
3-3-3 Group Counseling and Psychotherapy					
PCC0081	3-3-3-1 Theory and Practice of Group Counseling	3.0	3.0	0.0	
PCD0062	3-3-3-2 Group Psychotherapy	3.0	3.0	0.0	
3-3-4 Career					
PCC0010	3-3-4-1 Theories of Career Development	3.0	3.0	0.0	
PCC0040	3-3-4-2 Studies in Career Counseling	3.0	3.0	0.0	
3-3-5 Multiculture and Different Ethnic Groups					
PCC0065	3-3-5-1 Studies in Multi-cultural Counseling	3.0	3.0	0.0	
PCC0106	3-3-5-2 Cross-cultural Experiences in Counseling and Educational Psychology	3.0	3.0	0.0	
PCC8013	3-3-5-3 Spiritually Incorporated Counseling	3.0	3.0	0.0	
PCC8014	3-3-5-4 Special Topics in the Eastern Wisdom and Western Healing Theory	3.0	3.0	0.0	
PCC8019	3-3-5-5 Psychology of Crossing Cultural Borders	2.0	2.0	0.0	
PCC8020	3-3-5-6 Cross-Cultural Topics in School Guidance	3.0	3.0	0.0	
3-3-6 Couple, Marriage and Family					
PCC0129	3-3-6-1 Studies in Marriage and Family Therapy	3.0	3.0	0.0	
PCC0130	3-3-6-2 Studies in Advanced Marriage and Family Therapy	3.0	3.0	0.0	
PCC0144	3-3-6-3 Systematic Family Therapy	3.0	3.0	0.0	
3-3-7 Application of the Area and Different Workplaces					
PCC0143	3-3-7-1 Ecological Counseling	3.0	3.0	0.0	
PGCA003	3-3-7-2 Studies in School Psychology	3.0	3.0	0.0	
3-3-8 Psychological Consultation and Program Evaluation					
PCC0085	3-3-8-1 The Theory and Practice of Consultation	3.0	3.0	0.0	

IV. Free Elective Credits

A Free Elective Credit for Program of Educational Psychology, 0.0 credit is required

B Free Elective Credit for Program of Assessment Technology, 0.0 credit is required

C Free Elective Credit for Program of Counseling Psychology, 0.0 credit is required