



**The Curriculum Guide of
2022 Academic Year
(Master Program)**

Department of Education compiled

2022.08.17

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Part I

The Introduction of Department of Education

I. The Introduction of Department of Education

A. History

- In order to promote the quality of our elementary school teachers, the government restructured all nine Junior Teachers Colleges to provincial teacher's colleges in July, 1987. In the same year, there were four departments were created on August 1st at Pingtung Teacher's College and the Department of Elementary Education was the biggest department at that time.
- In order to respond to the development of the school and the need from the elementary school teachers, the Department of Elementary Education then branched out into a variety of departments and graduate institutes. These departs are as follows: The Graduate Institute of Elementary Education (Graduate Institute of Educational Administration), the Graduate Institute of Educational Technology (incorporated into the Graduate School of Computer Science), the Department of Art Education (Department of Visual Arts), the Department of Physical Education, and the Department of Music. In 2001, the Department of Educational Psychology and Counseling was also developed.
- Influenced by these big changes, the Department of Elementary Education now focuses more on the multicultural education, curriculum and teaching methods. In 2004, the Graduate Institute of Education started to receive students and the content of the course began to pay more attention on curriculum and teaching methods. On August 1, 2005, Pingtung Teacher's College was promoted to National Pingtung University of Education. The Department of Elementary Education changed its name to the Department of Education in 2006.

B. Faculty

The Department of Education has 15 full-time faculty members, including 1 distinguished professor, 8 full professors, 3 associate professors and 3 assistant professors. All of full-time faculty members have completed their Ph.D. Our members are energetic and passionate and try their best to give all they can to students. It is a department that provides a quality elementary school teacher education and graduates students to work for the cultural and social service industry with a caring attitude.

NO.	Name	Title	Educational Background	Research Field	curriculum
1	Hsu, Wei-Min Ph. D.	Distinguished Professor and Director	National Kaohsiung Normal University, Taiwan	<ul style="list-style-type: none"> ◆ Mathematics curriculum and instruction ◆ Mathematics remedial instruction ◆ Culture-based mathematics education ◆ Professional development of mathematics teachers 	<ul style="list-style-type: none"> ◆ Qualitative Research ◆ General Mathematics ◆ Teaching Materials and Methods of Mathematics in the Primary School ◆ Analysis of Research Approaches on Mathematics Education ◆ Research in Mathematics Teaching ◆ Action Research ◆ Action Research in Education ◆ Analysis and Design of Elementary Mathematics Curriculum
2	Yang, Jyh-Yiing Ph. D.	Professor	National Taiwan Normal University, Taiwan	<ul style="list-style-type: none"> ◆ Curriculum History ◆ Teacher Education ◆ Curriculum Theory 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Teaching Materials and Methods of Social Studies in the Primary School ◆ Research Methods in Education ◆ History of Curriculum ◆ Curriculum Reform ◆ Textbooks Analysis and Evaluation
3	Lee, Ya-Ting Ph. D.	Professor	National Taiwan Normal University, Taiwan	<ul style="list-style-type: none"> ◆ Curriculum & Instruction ◆ Teaching Practicum 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Research Methods in Education ◆ Introduction to Education ◆ Principles of Instruction ◆ Principles of Curriculum ◆ Curriculum Theory ◆ Curriculum Development and Design

NO.	Name	Title	Educational Background	Research Field	curriculum
4	Liu, Yu-Chung Ph. D.	Professor	University of East Anglia, UK	<ul style="list-style-type: none"> ◆ Entrepreneurship Education ◆ Philosophy of Education / Curriculum ◆ Board Game Learning ◆ Critical Pedagogy ◆ Cultural studies ◆ Narrative Inquiry 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Life History and Narrative Inquiry ◆ Introduction to Critical Thinking ◆ Philosophy of Education ◆ Analysis of Campus Culture ◆ Qualitative Research ◆ Instruction Media and Applications ◆ Design and Production of Board Game for Education ◆ Research Methods in Education ◆ Instruction Media and Applications
5	Chen, Shin-Feng Ph. D.	Professor	National Chengchi University, Taiwan	<ul style="list-style-type: none"> ◆ Educational Testing & Assessment ◆ E-learning ◆ Science Reading Comprehension 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Learning Assessment ◆ Education Testing and Assessment ◆ Research Methods in Education ◆ Instruction Media and Applications ◆ Instructional Technology and Media ◆ Instructional Assessment ◆ E-learning for Computer Programming ◆ Computer-Aided Testing and Assessment ◆ Structural Equation Modeling
6	Shu, Hsu-Wei Ph. D.	Professor	National Kaohsiung Normal University, Taiwan	<ul style="list-style-type: none"> ◆ School Administration ◆ Educational Policy Management & Analysis ◆ Ordinance and Regulation 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Analysis of Educational Policy ◆ School Administration ◆ Elementary School Administration ◆ Educational Psychology ◆ Laws of Education ◆ Research Methods in Education ◆ History of Education ◆ Theory and Practice of Educational Administration ◆ Introduction to Education ◆ Public Administration

NO.	Name	Title	Educational Background	Research Field	curriculum
7	Wang, Jui-Hsien Ph. D.	Professor	Cardiff University, UK	<ul style="list-style-type: none"> ◆ Sociology of Education ◆ Classroom Discourse ◆ Sociology of Childhood ◆ Taiwan New Immigrants and Education 	<ul style="list-style-type: none"> ◆ Introduction to Cultural Studies ◆ Taiwan Social ◆ Change and Education Reform ◆ Sociology of Education ◆ Multicultural Education ◆ Children and Society ◆ Teaching Practicum ◆ Analysis of Campus Culture
8	Tang, Wei-Ling Ph. D.	Professor	National Taiwan Normal University, Taiwan	<ul style="list-style-type: none"> ◆ Multiple Intelligences ◆ Teaching Practicum ◆ Teachers Professional Development 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Textbooks Analysis and Evaluation ◆ Readings on Curriculum and Instruction ◆ Curriculum and Instruction of Multiple Intelligence ◆ Teachers' Professional Development ◆ Research on Instruction Theory and Practice ◆ Integrated Curriculum and Practice ◆ Principles of Instruction ◆ Study of Curriculum Theory ◆ Research on Curriculum Theory and Practice ◆ Study of Hidden Curriculum
9	Wang, Li-Ching Ph. D.	Professor	University of Maryland, US	<ul style="list-style-type: none"> ◆ Gender studies ◆ Teaching Practicum ◆ NPOs & Social Movement 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Gender Equality Education ◆ Practice of Gender Equity in Education ◆ Non-profit Organizations and Social Movement ◆ Theory of Instruction ◆ Readings on Curriculum and Instruction ◆ Instructional Model and Design ◆ Topics on Educational Issue ◆ Principles of Instruction ◆ Research Methods in Education ◆ Introduction to Education

NO.	Name	Title	Educational Background	Research Field	curriculum
10	Chen, Cheng-Chang Ph. D.	Associate Professor	National Chengchi University, Taiwan	<ul style="list-style-type: none"> ◆ Educational Statistics ◆ Sociology of Education 	<ul style="list-style-type: none"> ◆ Teaching Practicum ◆ Introduction to Education ◆ Educational Statistics ◆ Advanced Statistics in Education ◆ Sociology of Education ◆ Structural Equation Modeling ◆ Educational Statistics ◆ Classroom Management
11	Lu, I-Chung Ph. D.	Associate Professor	University of Iowa, US	<ul style="list-style-type: none"> ◆ Educational Psychology ◆ Reading Education 	<ul style="list-style-type: none"> ◆ Child Psychology ◆ Child Development and Guidance ◆ Educational Psychology ◆ Teaching Practicum ◆ Reading Education ◆ Inquiry into Language Arts Pedagogy
12	Chen, Yih-Shyuan Ph. D.	Associate Professor and Section Chief of Educational Program Division	University of Birmingham (ICT), UK	<ul style="list-style-type: none"> ◆ Interactive Learning Multi-media Design ◆ Digital Game Learning ◆ Digital Design 	<ul style="list-style-type: none"> ◆ The Design and Production of Interactive Multi-Media 、 ◆ Theories of Instructional Design and Practice 、 ◆ Instruction Media and Applications 、 ◆ Development of E-learning Instruction ◆ Remedial Instruction ◆ Principles of Instruction ◆ Issues on Contemporary Instruction ◆ Production of Curriculum Materials
14	Wang, Chun-Chieh Ph. D.	Assistant Professor and Section Chief of Discipline	National Taiwan Normal University, Taiwan	<ul style="list-style-type: none"> ◆ Chinese Literature ◆ Chinese philosophy ◆ Chinese Digital Learning ◆ Digital Game-Based Language Learning ◆ Flipped Education 	<ul style="list-style-type: none"> ◆ Chinese Phonology and Oral Expression ◆ Writing ◆ Teaching of Reading and Writing ◆ Remedial Instruction ◆ Methods and Materials for Chinese Teaching
15	Wang, Hui-Lan Ph. D.	Assistant Professor and Section Chief of Practicum and Guidance Division	University of Taipei, Taiwan	<ul style="list-style-type: none"> ◆ Narrative Inquiry ◆ Cultural studies ◆ Education of Media Literacy 	<ul style="list-style-type: none"> ◆ English for Children 、 English for Education 、 Principles of School Organization ◆ Classroom Management ◆ School Administration ◆ Material and Methods for English Teaching at Elementary Schools ◆ Principles of Instruction

Part II Professional Courses of Master Program

II Professional Courses of Master Program

A. Regulations for Course Selection.

Graduation Threshold and Curriculum Structure

Categories of Courses	Credits	Note
Courses of the department	33	The 6 credits of Thesis are not included.
-Required credits	6	The 6 credits of Thesis are not included.
-Elective credits 1. Basic professional field 2. Curriculum & teaching field 3. Subject teaching field	27	<ul style="list-style-type: none">● Including the 6 credits of free electives.● At least 3 credits for each field.

B. The Curriculum Map of Master Degree

Teaching goals	Required/ Elective subject	Field	First Academic Year Fall Semester	First Academic Year Spring Semester	Second Academic Year Fall Semester	Second Academic Year Spring Semester
<p>1. Encouraging educational academic research</p> <p>2. Encouraging students to strive for curriculum and teaching innovation and development.</p> <p>3. Encouraging students to strive for the knowledge of education and culture.</p>	<p>Required subject: 6 credits (The 6 credits of Thesis are not included.)</p> <p>Elective subject 27 credits (Including the 6 credits of free electives.)</p>	<p>Required subject</p>	<ul style="list-style-type: none"> ● Educational Statistics 	<ul style="list-style-type: none"> ● Methods of Educational Research 	<ul style="list-style-type: none"> ● Thesis 	<ul style="list-style-type: none"> ● Thesis
		<p>Elective subject - Basic professional field (At least 3 credits)</p>	<ul style="list-style-type: none"> ● Educational Psychology ● Sociology of Education ● Gender Equality Education 	<ul style="list-style-type: none"> ● Philosophy of Education ● Qualitative Research ● Multivariate Analysis ● Multicultural Education ● Structural Equation Modeling 	<ul style="list-style-type: none"> ● Action Research ● Critical Pedagogy 	<ul style="list-style-type: none"> ● Globalization and Education ● School Culture ● Topics on Educational Issue
		<p>Elective subject - Curriculum & teaching field (At least 3 credits)</p>	<ul style="list-style-type: none"> ● Curriculum Development and Design ● School-Based Curriculum Development 	<ul style="list-style-type: none"> ● Integrated Curriculum ● Principles of Instruction ● Curriculum Reform ● Hidden Curriculum ● Instructional Assessment ● Learning Assessment ● Issues on Contemporary Instruction 	<ul style="list-style-type: none"> ● Theories of Instructional Design and Practice ● Curriculum Theory ● Comparative Studies on Curriculum of Elementary Schools ● History of Curriculum ● Multiple Intelligences and Teaching 	<ul style="list-style-type: none"> ● Curriculum Evaluation ● Curriculum Evaluation ● Instructional Evaluation and Supervision ● Teacher Professional Development
		<p>Elective subject – Subject teaching field (At least 3 credits)</p>	<ul style="list-style-type: none"> ● Reading Education 	<ul style="list-style-type: none"> ● Research in Mathematics Education ● Research in Science Education ● Studies of Language Arts Instruction 	<ul style="list-style-type: none"> ● Textbooks Analysis and Evaluation ● Research in Curriculum and Instruction of STEAM Education ● Research in Science Teaching ● Research in Mathematics Teaching 	

C. Curriculum and Credits

2022 Academic Year Professional Courses of Master Program

Graduation Threshold and Curriculum Structure

1. Graduation credits : 33 credits (**The 6 credits of Thesis are not included.**)
2. Required credits : 6 credits
(**The 6 credits of Thesis are not included. ; The credits of extra courses must be included in the elective credits**)
3. Elective credits : 27 credits (**Including the 6 credits of free electives**)
4. Since 2015 Academic Year, the postgraduate of NPTU need to complete the academic research ethics course and pass the test, and upload the result to the administration system of NPTU.

Course Code	Course	credits	hours	Required/ Elective	2022		2023		Notes
					Fall Semester	Spring Semester	Fall Semester	Spring Semester	
A. Required Credits (At least 6 credits, The 6 credits of Thesis are not included.)									
ELI3314	Educational Statistics	3	3	Required	✓				
ELI1111	Methods of Educational Research	3	3	Required		✓			
ELI2101	Thesis	3	3	Required			✓	✓	Must study for two semesters, 3 credits for each semester.
B. Elective Credits (At least 27 credits)									
1. Basic professional field (At least 3 credits)									
ELI3301	Educational Psychology	3	3	Elective	✓				
ELI3302	Sociology of Education	3	3	Elective	✓				
ELI4002	Gender Equality Education	3	3	Elective	✓				

Course Code	Course	credits	hours	Required/ Elective	2022		2023		Notes
					Fall Semester	Spring Semester	Fall Semester	Spring Semester	
ELI3303	Philosophy of Education	3	3	Elective		✓			
ELI1119	Qualitative Research	3	3	Elective		✓			
ELI1118	Multivariate Analysis	3	3	Elective		✓			
ELI3309	Multicultural Education	3	3	Elective		✓			
ELI2102	Action Research	3	3	Elective			✓		
ELI2106	Critical Pedagogy	3	3	Elective			✓		
ELI2107	Globalization and Education	3	3	Elective				✓	
ELI2105	School Culture	3	3	Elective				✓	
ELE3131	Topics on Educational Issue	3	3	Elective				✓	
ELI1402	Structural Equation Modeling	3	3	Elective		✓			
2. Curriculum & teaching field (At least 3 credits)									
ELI3305	Curriculum Development and Design	3	3	Elective	✓				
ELI1205	School-Based Curriculum Development	3	3	Elective	✓				
ELI1203	Integrated Curriculum	3	3	Elective		✓			
ELI3304	Principles of Instruction	3	3	Elective		✓			
ELI1201	Curriculum Reform	3	3	Elective		✓			
ELI1202	Hidden Curriculum	3	3	Elective		✓			
ELI4006	Instructional Assessment	3	3	Elective		✓			
ELI3317	Learning Assessment	3	3	Elective		✓			

Course Code	Course	credits	hours	Required/ Elective	2022		2023		Notes
					Fall Semester	Spring Semester	Fall Semester	Spring Semester	
ELI2304	Issues on Contemporary Instruction	3	3	Elective		✓			
ELI1313	Theories of Instructional Design and Practice	3	3	Elective			✓		
ELI4001	Curriculum Theory	3	3	Elective			✓		
ELI1206	Comparative Studies on Curriculum of Elementary Schools	3	3	Elective			✓		
ELI2207	History of Curriculum	3	3	Elective			✓		
ELI1315	Multiple Intelligences and Teaching	3	3	Elective			✓		
ELI2203	Curriculum Evaluation	3	3	Elective				✓	
ELI2205	Curriculum Evaluation	3	3	Elective				✓	
ELI1314	Instructional Evaluation and Supervision	3	3	Elective				✓	
ELI3316	Teacher Professional Development	3	3	Elective				✓	
3. Subject teaching field (At least 3 credits)									
ELI4007	Reading Education	3	3	Elective	✓				
ELI4004	Research in Mathematics Education	3	3	Elective		✓			
ELI4007	Research in Science Education	3	3	Elective		✓			
ELI4008	Studies of Language Arts Instruction	3	3	Elective		✓			
ELI2204	Textbooks Analysis and Evaluation	3	3	Elective			✓		

Course Code	Course	credits	hours	Required/ Elective	2022		2023		Notes
					Fall Semester	Spring Semester	Fall Semester	Spring Semester	
ELI4010	Research in Curriculum and Instruction of STEAM Education	3	3	Elective			✓		
ELI4009	Research in Science Teaching	3	3	Elective			✓		
ELI4010	Research in Mathematics Teaching	3	3	Elective			✓		

Part III
Notice of Master Program in
Department of Education

III Notice of NPTU Master Program in Department of Education

A. Graduation Threshold and Curriculum Structure of Master Program

1. The courses can be separated into 3 parts, Basic professional field, Course teaching field, and Subject teaching field.
2. Graduation credits : **At least 33 credits**
(The 6 credits of Thesis are not included.)
3. **Six credits for Required, 27 credits for Elective.**
4. Basic professional field: **At least 3 credits**
5. Course teaching field: **At least 3 credits**
6. Subject teaching field: **At least 3 credits**
7. Postgraduates can study the other 18 credits by their own interests and abilities. The 18 credits include the 6 credits of free electives which must be approved by the Director of the department of Education.

B. The Credits for Each Semester

Master Program

1. **The maximum credits per semester of Postgraduates are 12 credits, and first-grade students must take at least 3 credits per semester.**
2. For those who take additional education courses, credit programs, etc., the maximum credit limit for each semester is 25 credits.
3. **The graduation credits are 33 credits, but the 6 credits of Thesis are not included.**
4. Must study “Thesis” for two semesters, 3 credits for each semester.

C. Thesis Proposal Presentation

1. Postgraduates who have **completed 20 or more of the required graduation credits** in the current semester can apply for **“Thesis Proposal Presentation”**.

2. Postgraduates must have the approval of the Thesis advisor and the Director of Department first. Second the postgraduates must submit the application form to the program office one week prior to presentation.
3. **The application date for the *Thesis Proposal Presentation* in each academic year:**

Fall semester: The date should be from the beginning of the semester to **January 24th**.

Spring semester: The date should be from the beginning of the semester to **July 24th**.
4. **The date for the *Thesis Proposal Presentation* in each academic year:**

Fall semester: The date should be before **January 31st**.

Spring semester: The date should be before **July 24st**.

D. Thesis Examination and Graduation

1. **After passing the *Thesis Proposal Presentation* for three months, and having the approval of the Thesis advisor and the Director of Department, the postgraduates can have the application of “*Thesis Examination*”.**
2. The postgraduates should submit all the relevant documents to the office 14 days before the date of *Thesis Examination* and prepare three copies of draft thesis to the internal and the external committee members and the advisor.
3. If the postgraduates didn't have the *Thesis Examination* within the prescribed time limit will be regarded as a failure to graduate in the semester.
4. **Deadline for the *Thesis Examination* in each academic year:**

Fall semester: Should be from the completion of the registration for the semester to **January 15th**.

Spring semester: Should be from the completion of the registration for the semester to **July 15th**.

5. The postgraduates who have completed the required credits, passed the *Thesis Examination*, completed the academic ethics course and passed the test, and get the certificate of the course, that the postgraduates can apply for graduation.
6. The dead line of the last date to leave school in each academic year:
Fall semester: Should be at the date of registration of Spring semester.
Spring semester: The date is August 15th.
7. Those who fail to complete the school leaving procedures within the time limit will be deemed to have not graduated in the semester.
8. Before the Thesis is uploaded, it should be compared by the “*Original comparison system*”. **The similarity index must be less than 30%.** The Thesis advisor need to sign up on the result, then the postgraduates can graduate from the Department of Education.