

Curriculum of the Graduate Institute of Education for General Education Section  
( For 111 Academic Year Student)

**I 、 Compulsory credits : 11 credits**

Course	credits	Semester/credits			
		1st	2nd	3rd	4th
Educational Research Methods	3	3			
Seminar on Marine Subjects and Education	1			1	
Topics in Oceanic Humanities and Social Sciences	1				1
Academic Research Ethics	0		0		
Thesis	6			3	3

Ps:” Academic Research Ethics” is an online course(<https://ethics.nctu.edu.tw/>)  
(account number is your student ID; password is the last 5 numbers of student ID )

**II 、 Elective credits: At least 22 credits**

**=>The total credits of 1-4 course groups are 18 credits. Students have to choose more credits in these course groups until you get 22 credits.**

1. At least 6 credits

Course	credits	Semester/credits				Remark
		1st	2nd	3rd	4th	
Study on Educational Philosophy	2		2			at least 4 credits
Research on Education of Sociology	2	2				
Research of Educational Psychology	2	2				
Study on History of Education	2	2				
Special Topic on Chinese Educational Philosophy	2				2	at least 2 credits
Seminar in Contemporary Thought of Education	2			2		
Special Topic on Educational Aesthetics	2			2		
Special Topic on Teacher Philosophy	2	2				
Special issue on moral education	2			2		
Special Topic on Postmodernism and Educational Research	2	2				
Special Topic on Ecological Aesthetics and Education	2		2			

2. At least 4 credits

Course	credits	Semester/credits			
		1st	2nd	3rd	4th
Research on Qualitative Approach	2		2		
case study	2			2	
Action Research	2			2	
Research on Quantitative Approach	2		2		
Statistical data analysis	2			2	
Thesis Writing and Evaluation	2		2		
Research on Computer and Network Application in Education	2	2			
Academic Reading and Writing for English Educational Research	2		2		
Special Topics on Research Methodology for e-Learning	2		2		

3. at least 6 credits

Course	credits	Semester/credits			
		1st	2nd	3rd	4th
Special Topic on the Methods of Art Education	2	2			
Study on Curriculum Development and Curriculum Design	2	2			
Emerging Topics and Curriculum Reform	2		2		
Special Topic on Learning Therories and Teaching Strategies	2		2		
Special Topic on Supervision of School	2	2			
Special Topic on Educational Evaluation	2	2			
Special Topic on Sociology of Teaching	2		2		
Special Topic on Teacher Professional Development	2		2		
Special Topic on Educational Leadership	2		2		
Special Topic on Comparative Education	2				2
Special Topic on Instructional Media and Technology	2				2
Special Topic on Educational Administration and Management	2	2			
Special Topic on Human Resources	2	2			
Special Topic on Career Education and Life Developmen	2				2
Special Topic on Personality	2			2	
Special Topic on School Counseling	2		2		
Special Topic on Theory and Practice of Counseling	2			2	
Special Topic on Special Education	2				2
Special Topic on The Learning Organization	2	2			
Special Topic on Faculty Learning Community	2		2		
Special Topic on Creative Education	2	2			

Course	credits	Semester/credits			
		1st	2nd	3rd	4th
Special Topics on Learning Theories	2	2			
Special Topics on Science and Practice	2		2		
Special Topics on e-Learning environment design	2		2		
Curriculum Design of Sustainable Development	2			2	
Education Action of Sustainable Development	2				2
Topics on Cognitive and Learning Processes	2	2			
Topics on Science Learning	2		2		
Topics on Science Education	2			2	

4. at least 2 credits

Course	credits	Semester/credits			
		1st	2nd	3rd	4th
Special Topic on Humanities of Marine Education	2		2		
Special Topic on Marine Professionals Cultivation	2			2	
Special Topic on Marine Curriculum Development	2			2	
General Topics on Ocean Technology and Humanity	2		2		
Special Topic in Education for the Environment and Ecology	2	2			
Special Topic on Marine Recreational Education	2		2		
Special Topic on Aesthetics in Marine Education	2		2		
Issue on teacher of marine education	2		2		
Special Topic on Marine Popular Education	2		2		
Special Topic on Marine Tourism Education	2				2
Special Topic on Marine Education Policy	2				2
Special Topic on Ocean Literacy and Teaching	2			2	
Special Topic on Marine Science Education	2			2	
Marine Science and Sustainable Development	2		2		

Credits & semesters required before graduation:

1. Credits:

(1) Graduate Institute(see above):33 Credits.

(2)Chinese courses:6 Credits.

2. semesters : 4 semesters.