

Department of Mathematics and Information Education

Specialty Module for Mathematics and Teaching Enhancement

Curriculum Structure & Course Title

112 Academic Year

科目名稱	Course title	Required/ Elective	Credits	Grade	Remark
線性代數(一)	Linear Algebra (I)	Required	3	1-1	
微積分(一)	Calculus (I)	Required	3	1-1	
微積分(二)	Calculus (II)	Required	3	1-2	Students may qualify with successful completion of Calculus (I)
數學概念發展	Conceptual Development in Mathematics	Required	3	2-1	
數學教學與評量	Teaching and Assessment in Mathematics	Required	2	3-1	
數學課程研究	Research in Mathematics Curriculum	Required	3	3-2	
數學導論	Introduction of Mathematics	Elective	3	1-1	
數學教育概論	Introduction to Mathematics Education	Elective	2	1-2	
幼兒之數學教育	Mathematics Education for Early Childhood	Elective	2	2-1	
數學解題研究	Study of Problem Solving in Mathematics	Elective	2	2-2	
數學教學媒體	Teaching Aids for Mathematics	Elective	3	3-2	
數學課程設計	Curriculum Design in Mathematics	Elective	3	4-1	
數學教學創新設計	Innovation and Design in Mathematics Teaching	Elective	2	4-2	
Required 17 credits, Elective 7 credits, Total 24 credits					