

**SCHOOL OF EDUCATION**  
Xavier University - Ateneo de Cgayan

**CURRICULUM FOR MASTER OF ARTS IN EDUCATION  
MAJOR IN TEACHING MATHEMATICS**

**OPTION A**

Course Code	Course Description	Units
<b>BASIC COURSES ( 9 Units)</b>		
Ed 100	Philosophical and Ethical Foundation of Education	3
Ed 103	Research Methods	3
Ed 124	Inferential Statistics	3
<b>MAJOR FIELD OF CONCENTRATION ( 15 Units)</b>		
Ma 401	Elementary School Mathematics from Modern Viewpoints	3
Ma 402	A Survey of Contemporary Geometry	3
Ma 403	Modern Algebra and Trigonometry	3
Ma 404	Analysis for Teachers, Part I	3
Ma 405	Analysis for Teachers, Part II	3
<b>COGNATES ( 6 units)</b>		
Comp 1	Pascal Programming 1	3
Ma 21	Elem. Linear Algebra	3
Ma 22	Intro to Linear Programming	3
Ma 23	Elem. Abstract Algebra	3
Ma 26	Elem. Number Theory	3
Ma 406	History of Mathematics	3
Ed 131	Selected Topics in Mathematics for Science Teachers	3
Ed 908	Measurement and Evaluation	3
Ed 901	Psychology of Learning	3
Ed 922	Filipino Values	3
Ed 923	Christian Humanism	3
Ed 924	Materials and Media	3

**COMPREHENSIVE EXAMINATION (Written)**

**THESIS WRITING ( 6 units)**

**SUMMARY**

Basic Courses	9 units
Major Field of Concentration	15 units
Cognates	6 units
Thesis Writing	6 units
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	36 units