



BACHELOR OF SECONDARY EDUCATION Major in Mathematics
(based on CMO No. 75 s. 2017)

FIRST YEAR

First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite
SPEC 101-M	College and Advanced Algebra	3		SPEC 103-M	Trigonometry	3	
SPEC 102-M	History of Mathematics	3		SPEC 104-M	Plane and Solid Geometry	3	SPEC 101-M
PED 11	The Child and Adolescent Learner and Learning Principles	3		SPEC 105-M	Logic and Set Theory	3	
GE-US	Understanding the Self	3		PED 12	Facilitating Learner-Centered Teaching	3	
GE-PC	Purposive Communication	3		GE-CW	Contemporary World	3	
FIL 1	Kontekstwalisadong Komunikasyon sa Filipino	3		FIL 2	Filipino sa Iba't Ibang Disiplina	3	
GE-PH	Readings in Philippine History	3		GE-MM	Mathematics in the Modern World	3	
PE 11	Movement Enhancement (ME)	2		PE 12	Fitness Exercise (FE)	2	PE 11
NSTP 1	Nat'l. Service Training Prog. 1	3		NSTP 2	Nat'l. Service Training Prog. 2	3	NSTP 1
TOTAL		26		TOTAL		26	

SECOND YEAR

First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite
SPEC 106-M	Calculus I with Analytic Geometry	4	SPEC 102-M SPEC 103-M SPEC 104-M	SPEC 110-M	Calculus II	4	SPEC 107-M
SPEC 107-M	Modern Geometry	3	SPEC 104-M SPEC 105-M	SPEC 111-M	Number Theory	3	SPEC 102-M SPEC 104-M
SPEC 108-M	Mathematics of Investment	3	SPEC 103-M	SPEC 112-M	Linear Algebra	3	SPEC 104-M
SPEC 109-M	Elementary Statistics & Probability	3		SPEC 113A-M	Research in Mathematics 1	3	
PED 13	Building and Enhancing New Literacies Across the Curriculum	3		PED 14	Technology for Teaching and Learning 1	3	
FIL 3	Dalumat sa Filipino	3		PED 15	The Teacher and the Community, School Culture and Organizational Leadership	3	
GE-AA	Art Appreciation	3		GE-E	Ethics	3	
PE 21	Physical Activities Towards Health & Fitness (PATH-Fit) 1 (Dance, Sports, Outdoor & Adventure Activities)	2	PE 12	PAN 1	Sinesosyedad/Pelikulang Panlipunan	3	
TOTAL		24		TOTAL		27	

THIRD YEAR

First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite
SPEC 113B-M	Research in Mathematics 2	3	SPEC 113A-M	SPEC 117-M	Abstract Algebra	3	SPEC 112-M
SPEC 114-M	Calculus III	3	SPEC 110-M	SPEC 118-M	Technology for Teaching and Learning 2- Instrumentation and Technology in Mathematics	3	PED 16 PED 19 SPEC 116-M
SPEC 115-M	Advanced Statistics	3	SPEC 112-M	SPEC 119-M	Assessment and Evaluation in Mathematics	3	SPEC 115-M
SPEC 116-M	Problem Solving, Mathematical Investigations and Modelling	3	SPEC 103-M SPEC 104-M SPEC 105-M	SPEC 120-M	Principle and Strategies of Teaching Mathematics	3	
PED 16	Foundation of Special and Inclusive Education	3		PED 18	Assessment in Learning 2	3	
PED 17	Assessment in Learning 1	3		PAN 2	Sosyedad at Literatura/Panitikang Panlipunan	3	
GE-PGC	Philippine Government & Constitution	3		PED 19	The Teaching Profession	3	
GE-ST	Science, Technology & Society	3		PED 20	The Teacher and the School Curriculum	3	
TOTAL		24		TOTAL		27	

FOURTH YEAR

First Semester				Second Semester			
Course No.	Descriptive Title	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	Units	Prerequisite/ Co-requisite
PED 21	Field Study 1	3		PED 23	Teaching Internship	6	
PED 22	Field Study 2	3		PED-Elec	PRE-BOARD	2	
TOTAL		6		TOTAL		8	