



## BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS

Revised Curriculum Academic Year 2012-2013

CODE	DESCRIPTIVE TITLE	Total Units	Lec Units	Lab Units	Pre-requisite
<b>1st Year, First Semester</b>					
_____ ENG100	English Competency	3	3		
_____ MAT100	Competency in Mathematics	3	3		
_____ NATSCI1	Physical Sciences	3	3		
_____ FIL101	Komunikasyon sa Akedemikong Pilipino	3	3		
_____ ECO1	Introduction to Economics with TAR	3	3		
_____ HUM101	Art, Man and Society	3	3		
_____ SEMAT1	History of Mathematics	3	3		
_____ PE1	Physical Fitness	(2)	2		
_____ NSTP1	National Service Training Program 1	(3)	3		
		<u>21/26</u>			
<b>1st Year, 2nd Semester</b>					
_____ ENG101	Communication Arts in English 1	3	3		ENG100
_____ MAT101	College Algebra	3	3		MAT100
_____ NATSCI2	Biological Science with Ecology	3	3		NATSCI1
_____ FIL102	Pagbasa at Pagsulat tungo sa Pananaliksik	3	3		FIL101
_____ PSY101	General Psychology with HIV/AIDS Education	3	3		
_____ COMP101	Introduction to Computer Technology with MS Office	3	2	1	
_____ SEMAT2	Number Theory	3	3		SEMAT1
_____ PE2	Rhythmic Activities	(2)	2		PE1
_____ NSTP2	National Service Training Program 2	(3)	3		NSTP1
		<u>21/26</u>			
<b>2nd Year, First Semester</b>					
_____ ENG102	Communication Arts in English 2	3	3		ENG101
_____ FIL103	Masining na Pagpapahayag	3	3		FIL102
_____ COMPEDU1	Educational Technology 1 with Laboratory	3	2	1	
_____ THEORY1	Child and Adolescent Development	3	3		
_____ FIELD1	Observation/Lesson Planning	1	1		
_____ SEMAT3	Plane and Solid Geometry	3	3		MAT101
_____ SEMAT4	Advanced Algebra	3	3		MAT101
_____ PE3	Individual and Dual Sports	(2)	2		PE1
		<u>19/21</u>			
<b>2nd Year, Second Semester</b>					
_____ MAT3A	Business Statistics	3	3		MAT101
_____ ENG3A	Technical Writing	3	3		ENG102
_____ THEORY2	Facilitating Learning	3	3		THEORY1
_____ COMPEDU2	Educational Technology 2 with Laboratory	3	2	1	COMPEDU1
_____ METHOD1	Curriculum Development	3	3		
_____ METHOD2	Principles of Teaching 1	3	3		
_____ FIELD2	Preparation of Tests and Forms	1	1		FIELD1
_____ SEMAT5	Analytic Geometry	3	3		SEMAT3
_____ SEMAT6	Linear Algebra	3	3		SEMAT4
_____ PE4	Team Sports	(2)	2		PE1
		<u>25/27</u>			



<b>2nd Year, Summer</b>					
_____	PHILGOV	Philippine Government and Constitution	3	3	
_____	RIZAL	Life and Works of Rizal	3	3	
_____	PHILHIST	Philippine History	3	3	
			<u>9</u>	<u>9</u>	
<b>3rd Year, First Semester</b>					
_____	TOPIC1	Collaborative Learning	1	1	
_____	FIELD3/4	Board Work/Classroom Management	2	2	FIELD2
_____	METHOD3	Principles of Teaching 2	3	3	METHOD2
_____	METHOD4	Assessment of Student 1	3	3	METHOD1
_____	LIT101	Philippine Literature	3	3	
_____	SEMAT7	Differential Calculus	3	3	MAT101, SEMAT5
_____	SEMAT8	Probability	3	3	MAT101
_____	SEMAT9	Spherical Trigonometry	3	3	SEMAT3
			<u>21</u>	<u>21</u>	
<b>3rd Year, Second Semester</b>					
_____	TOPIC2	Integrative Teaching Strategies	1	1	TOPIC1
_____	FIELD5/6	Auxiliary Services/Community Work	2	2	FIELD3/4
_____	METHOD5	Assessment of Student 2	3	3	METHOD4
_____	METHOD6	Developmental Reading 1	3	3	
_____	LIT102	World Literature	3	3	LIT101
_____	RESEARCH	Methods of Research	3	3	
_____	SEMAT10	Integral Calculus	3	3	SEMAT7
_____	SEMAT11	Instrumentation in Math	3	3	SEMAT3
_____	SEMAT12	Advanced Statistics	3	3	MAT3A, SEMAT8
			<u>24</u>	<u>24</u>	
<b>3rd Year, Summer</b>					
_____	SOC102	Society and Culture with Family Planning	3	3	PHILGOV
_____	TOPIC3	Addressing Learning Gaps	3	3	TOPIC2
_____	HUM102	World Culture	3	3	HUM101
			<u>9</u>	<u>9</u>	
<b>4th Year, First Semester</b>					
_____	THEORY3	The Teaching Profession	3	3	THEORY2
_____	METHOD7	Developmental Reading 2	3	3	METHOD6
_____	THESIS	Thesis Direction and Writing	3	3	RESEARCH
_____	MAT102	Mathematics of Investment	3	3	MAT101
_____	SEMAT13	Modeling	3	3	SEMAT11
			<u>15</u>	<u>15</u>	
<b>4th Year, Second Semester</b>					
_____	THEORY4	Social Dimensions of Education	3	3	THEORY3
_____	FIELD7	Practice Teaching	6	6	FIELD5/6
_____	SEMAT14	Seminar on Problem Solving in Mathematics	3	3	
_____	SEMAT15	Trends, Current Issues in Math Education	3	3	
_____	SEMAT16	Methods in Teaching Math	3	3	
			<u>18</u>	<u>18</u>	