

**SUMMARY OF REQUIRED COURSES  
of BSEd Major in MATHEMATICS  
AY 2009-2010**

**FIRST YEAR**

<b>First Semester</b>		<b>Units</b>	<b>Second Semester</b>		<b>Units</b>
CAED1	Computer Application for Education	3	ARTED	Introduction to Art Education	3
ENG1	Study & Thinking Skills	3	ENG2	Writing in the Discipline	3
GG 1	Group Guidance 1	1.5	GG 2	Group Guidance 2	1.5
GS1E	Earth Science	3	GS2E	Biological Science	3
HIST2	Philippine History and Culture	3	MATHED2	Contemporary Mathematics	3
MATHED1	Fundamentals of Mathematics	3	NSTP2	National Service Training Program 2	3
MUSIC1	Introduction to Music Education	3	PE2	Rhythmics & Team Sports	2
NSTP1	National Service Training Program 1	3	POLSCI1	Philippine Government & the Constitution	3
PE1	Gymnastics & Physical Fitness	2	PSYCH1	General Psychology w/ Drug Abuse Education	3
RS1A	Human Person's Relationship with God	3	RS2A	Church & the Sacraments	3
		<u>3</u>			<u>3</u>
		27.5			27.5

**SECOND YEAR**

<b>First Semester</b>		<b>Units</b>	<b>Second Semester</b>		<b>Units</b>
ECON1A	Introduction to Economics with TLR	3	EDUC102	Facilitating Learning	3
EDUC100S	Developmental Reading for Secondary Education	3	EDUC103	Child and Adolescent Development	3
EDUC101	Social Dimensions of Education	3	FS 101	The Learner's Development and Environment	1
HLTHED	Health Education with Population Education	3	PE4	Recreational Games & Swimming	2
PE3	Individual and Dual Sports	2	RS4A	Vocation & Mission	3
RS3A	Christian Morality	3	MAED103	Advanced Algebra	3
MAED 101	Discrete Mathematics	3	MAED105	Trigonometry 2	3
MAED102	Advanced Algebra 1	3	MAED107	Solid Geometry	3
MAED104	Trigonometry 1	3	MAED108	Analytic Geometry	3
MAED106	Plane Geometry	3	MAED109	History of Math	3
		<u>3</u>			<u>3</u>
		29			27

**SECOND YEAR**

**Summer**

FIL1	Komunikasyon sa Akademikong Filipino	3
PHIL1	Logic	3
SOCIO1	General Sociology w/ Filipino Family & Community Life	3
		<u>9</u>

**THIRD YEAR**

<b>First Semester</b>		<b>Units</b>	<b>Second Semester</b>		<b>Units</b>
EDUC104	Assessment of Student Learning 1	3	EDUC105	Assessment of Student Learning 2	3
EDUC106	Principles of Teaching 1	3	EDUC107	Principles of Teaching 2	3
EDUC108	Educational Technology 1	3	EDUC109	Educational Technology 2	3
ENG4A	The Literatures of the Philippines	3	FIL3	Masining na Pagpapahayag	3
FIL2	Pagbasa & Pagsulat Tungo sa Pananaliksik	3	MAED 111	Integral Calculus	3
FS 102	Experiencing the Teaching - Learning Process	1	MAED115	Modern Geometry	3
FS 103	Technology in the Learning Environment	1	MAED116	Number Theory	3
FS 105	Learning	1	MAED117	Advanced Statistics	3
MAED 110	Differential Calculus	3	PHIL 2	Philosophy of Man	3
					<u>27</u>

MAED112	Probability Theory	3
MAED113	Linear Algebra	3
MAED114	Elementary Statistics	<u>3</u>
		30

### THIRD YEAR

#### Summer

ENG 3	Speech for Classroom Applications	3
GSCI3	Environmental Science	3
EDUC112	Special Topics in Education	<u>3</u>
		9

### FOURTH YEAR

#### First Semester

		Units
EDUC110	Curriculum Development	3
EDUC111	The Teaching Profession	3
FS 104	Exploring the Curricula	1
FS 106	On Becoming a Teacher	1
MAED118	Seminar on Problem Solving in Mathematics	3
MAED119	Abstract Algebra	3
MAED120	Research in Mathematics	3
MAED121	Instrumentation in Mathematics	3
MAED122	Mathematical Investigations Modelling	3
RIZAL	Life & Works of Rizal	<u>3</u>
		26

#### Second Semester

		Units
EDUC113	Student Teaching and Internship	6
EDUC 114	LET Review	6
ENG5W	The Literatures of the World	3
MAED123	Seminar on Technology in Mathematics	<u>3</u>
		18