

Bachelor in Secondary Education
Major in Mathematics
(Per CMO 30, s. 2004)

Subject	Description	Units	Pre-requisites
First Year, 1st Semester			
* English Plus	Critical Grammatical Structures		
English General 1	Study and Thinking Skills in English	3	None
Filipino General 1	Sining ng Pakikipagtalastasan	3	None
Humanities 1E	Fundamentals of Music	3	None
Math General 1	College Algebra	4	None
Social Science General 1	Philippine Government and Constitution	3	None
Natural Science General 1	Physical and Earth Science	3	None
Mandated Subject	Philippine History	3	None
NSTP 1	CWTS/LTS/ROTC	3	None
Physical Education 1	Physical Fitness Testing	2	None
First Year, 2nd Semester			
**English General 1	Study and Thinking Skills in English	3	
***English General 2	Writing in the Discipline	3	English General 1
Filipino General 2	Pagbasa at Pagsulat sa Ibat-ibang Disiplina	3	Filipino General 1
Major 1	Advanced Algebra	3	Math General 1
Math General 2	Contemporary Math with Statistics	3	Math General 1
Natural Science General 2	Biological Science	3	Natural Science General 1
Filipino General 3	Retorika	3	Filipino General 2
Social Science General 2	General Psychology	3	None
Physical Education 2	Rhythmic Activities	2	Physical Education 1
NSTP 2	CWTS/LTS/ROTC	3	NSTP 1
Second Year, 1st Semester			
Literature Filipino General 1	Ang Panitikan ng Pilipinas	3	Filipino General 2
English General 3	Intensive English for Teachers	3	English 1 & 2
Social Science General 3	Economics, Taxation with Land Reform	3	None
Education 1	Child and Adolescent Development	3	Social Science General 2
Philosophy 1	Logic	3	None

Major 2	Plane Trigonometry	3	Math General 1
Major 3	Elementary Statistics	3	Math General 2
Mandated Subject	Life & Works of Rizal	3	None
Field Study 1	Nature of the Student as a Learner	1	
Physical Education 3	Individual/Dual Team Sports and Games	2	None
Second Year, 2nd Semester			
Literature English General 2	World Literature	3	Filipino General 2, English 2
Major 4	Solid Geometry	3	Plane Geometry
Major 5	Trigonometry	3	Advanced Algebra
Major 6	Number Theory	3	Math General 1 & 2
Major 7	History of Math	3	Math General 1 & 2
Natural Science General 3	Electricity and Magnetism	3	None
Natural Science General 4	Social Philosophy 2 (Society and Culture)	3	None
Education 2	Principles of Teaching 1	3	Education 1
Field Study 2	The Role and Functions of a Teacher	1	
Physical Education 4	Team Sports and Recreational Activities	2	Physical Education 3
Third Year, 1st Semester			
Major 8	Analytic Geometry	3	Major 5
Major 9	Probability	3	Math General 2
Major 10	Linear Algebra	3	Major 1
Major 11	Mathematical Investigations & Modeling	3	Math General 1 & 2
Major 12	Seminar on Problem Solving in Mathematics	3	Math General 1 & 2
Education 3	Assessment of Student Learning 1	3	Education 2
Education 4	Developmental Reading 1	3	Literature English General 2
Education 5	Educational Technology 1	3	Education 2
Field Study 3	Evaluation of Learning Outcomes	3	
Third Year, 2nd Semester			
Major 13	Calculus 1	3	Major 5, Major 8
Major 14	Advanced Statistics	3	Major 3
Major 15	Modern Geometry	3	Major 2, 4 & 8
Major 16	Seminar on Technology in Math	3	Math General 1 & 2
Major 17	Abstract Algebra	3	Math General 1, Major 2
Education 6	Principles of Teaching 2	3	Education 2
Education 7	Assessment of Student Learning 2	3	Education 3

Education 8	Educational Technology 2	3	Education 5
Field Study 4	Collaborative Teaching Strategies	1	
Fourth Year, 1st Semester			
Education 10	Social Dimensions of Education	3	Social Science General 2
Education 11	Facilitating Learning	3	Education 1
Education 12	The Teaching Profession	3	Education 2 & 6
Education 13	Curriculum Development	3	Education 8
Major 18	Calculus 2	3	Calculus 1
Major 19	Action Research in Mathematics	3	Advanced Statistics
Major 20	Instrumentation in Mathematics	3	Major 11
Field Study 5	Teaching Strategies in English	1	
Field Study 6	Classroom Management	1	
ICS	Introduction to Computer Science	3	
Fourth Year, 2nd Semester			
Education 14	Practice Teaching	6	All Education subjects
	Special Topics in Education	3	

* - to be taken by those who did not pass in the Placement Test for English Plus

** -to be taken by those who took English Plus in the 1st Semester

*** -to be taken by those who took and passed English 1 in the Second Semester (to be offered during summer)