



BACHELOR OF SECONDARY EDUCATION (BSED)-Mathematics

Based on CMO#30 S.2004

Revised as of July 8, 2011

FIRST YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Engl 101	Communication Arts 1 (Study and Thinking Skills)	3	0	3	None
Fil. 101	Komunikasyon sa Akademikong Pilipino	3	0	3	None
Soc Sci 101	General Psychology	3	0	3	None
Math 101	Fundamentals of Mathematics	3	0	3	None
Nat Sci 101	Biological Science	3	0	3	None
Human 101	Introduction to Humanities	3	0	3	None
ICT 101	Comp. Fundamentals with Programming Concepts	3	0	3	None
P.E. 101	Physical Fitness and Health	2	0	2	None
NSTP 101	Nat'l Service Training Program 1	3	0	3	None
	TOTAL	26	0	26	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Engl 102	Communication Arts 2 (Writing in the Discipline)	3	0	3	Engl 101
Fil. 102	Pagbasa't Pagsulat Tungo sa Pananaliksik	3	0	3	Fil. 101
Math 102	Contemporary Mathematics	3	0	3	Math 101
Nat Sci 102	Earth & Environmental Sciences	3	0	3	None
Major 1	History & Philosophy of Math	3	3	3	None
Major 2	Fundamentals of Statistics	3	3	3	None
Philo 1	Logic & Critical Thinking	3	0	3	None
Lit 1	Intro to Literature with Philippine Literature	3	0	3	
P.E. 102	Rhythmic Activities	2	0	2	None
NSTP 102	Nat'l Service Training Program 2	3	0	3	NSTP 101
	TOTAL	29	6	29	

SECOND YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Engl 201	Speech & Oral Communication with Engl Proficiency Start 1 (JEEP 1)	1.5	4.5	3	Engl 102
Major 3	Logic and Set Theory	3	0	3	Major 1
Major 4	Plane & Spherical Trigonometry	3	0	3	Math 102
Major 5	Plane & Solid Geometry	3	0	3	Math 102
Educ 201	Child & Adolescent Development	3	0	3	None
Educ 202	Facilitating Learning	3	0	3	None
Educ 205	Social Dimensions of Education	3	0	3	None
Soc Sci 201	Phil. Politics and Government with New Constitution	3	0	3	None
FS 1	The Learner's Dev't and Env't	1	0	1	None
P.E. 201	Individual & Dual Sports	2	0	2	None
	TOTAL	25.5	4.5	27	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE-REQ.
Lit 102	Masterpieces in World Literature	3	0	3	None
Major 6	Advanced Algebra	3	3	3	Major 4
Major 7	Analytic Geometry	3	0	3	Major 5
Major 8	Problem Solving, Investigations and Modeling in Mathematics	3	0	3	Maj. 4 & 5
Major 9	Number Theory	3	0	3	Major 3
Educ 203	Principles of Teaching 1	3	0	3	Educ 202
Educ 204	Educational Technology 1	3	0	3	ICT 101
FS 2	Experiencing the Teaching Learning Process	1	0	1	FS 1
ST 1	Integrative Teaching Strategies	1	0	1	None
JEEP 2	English Proficiency Start 2 (JEEP 2)	1.5	4.5	3	JEEP start 1
P.E. 202	Team Sports & Games	2	0	2	None
	TOTAL	26.5	7.5	28	

THIRD YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Major 10	Differential Calculus	5	0	5	Major 7
Major 11	Linear Algebra	3	0	3	Major 6
Major 12	Math Analysis	3	0	3	Major 9
Educ 301	Principles of Teaching 2	3	0	3	Educ 203
Educ 302	Assessment of Students' Learning 1	3	0	3	Educ 203
Educ 303	Educational Technology 2	3	0	3	Educ 204
Educ 307	Curriculum Development	3	0	3	Educ 301
FS 3	Technology in the Learning Env't	1	0	1	Educ 204
FS 4	Exploring the Curriculum	1	0	1	FS 2
ST 2	Problem-Based Education	1	0	1	ST 1
Soc Sci 202	Philippine History, Roots and Dev't	3	0	3	None
JEEP 3	English Proficiency Accelerate 1	1.5	4.5	3	JEEP Start 2
	TOTAL	28.8	4.5	32	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE-REQ.
Major 13	Integral Calculus	3	0	3	Major 10
Major 14	Abstract Algebra	3	0	3	Major 9
Major 15	Probability Theory	3	0	3	Major 2
Educ 304	Developmental Reading 1	3	0	3	None
Educ 305	Assessment of Students' Learning 2	3	0	3	Educ 203
Educ 306	The Teaching Profession	3	0	3	Educ 301
Res 1	Intro to Educational Research	3	0	3	None
FS 5	Learning Assessment Strategies	1	0	1	FS 3
FS 6	On Becoming a Teacher	1	0	1	FS 4
Soc Sci 203	Principles of Economics with TAR	3	0	3	None
JEEP 4	English Proficiency Accelerate 2	1.5	4.5	3	JEEP Accelerate 1
	TOTAL	27.5	4.5	29	

FOURTH YEAR

FIRST SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE - REQ.
Major 16	Differential Equation	3	0	3	Major 13
Major 17	Complex Analysis	3	0	3	Maj. 14,15
Major 18	Action Research in Math Education	3	0	3	Res 1
Physics 1	College Physics	3	0	3	None
Educ 401	Guidance & Counseling with SPED	3	0	3	Educ 201
Rizal 1	Rizal's Life, Works and Writings	3	0	3	None
Soc Sci 401	Values & Philippine Society	3	0	3	
	TOTAL	21	0	21	

SECOND SEMESTER

SUBJECT	DESCRIPTIVE TITLE	Lec	Lab	Units	PRE-REQ.
FS 7	Practice-Teaching	6	0	6	Education Subjects
ST 3	Student-Teachers' Congress	1	0	1	None
	TOTAL	7	0	7	

*Summary

General Education - 72 units
Professional Education - 54 units
 Theory & Concepts - 12 units
 Methods - 27 units
 Field Study - 12 units
 Special Topic - 3 units
Mandated Subjects - 14 units
Specialization - 56 units
Thesis - 3 units

Total - 199 units