

SCHOOL OF TEACHER EDUCATION

Bachelor of Secondary Education (BSEd) major in Mathematics

CMO 75 s. 2017

BOT Resolution No. __ s. ____

Effective First Trimester A.Y. 2020-2021

Name: _____

GRADE	SUBJECT CODE	DESCRIPTIVE TITLE	UNIT		HOUR		CREDIT	PRE-REQUISITE	CO-REQUISITE
			LEC	LAB	LEC	LAB			
FIRST YEAR									
First Trimester									
	Soc Sci 11	Understanding the Self	3	0	3	0	3	None	
	Educ 101	The Teaching Profession	3	0	3	0	3	None	
	Educ 102	Principles of Teaching	3	0	3	0	3	None	
	Math 111	College and Advanced Algebra	3	0	3	0	3	None	
	Path Fit. 1	Movement Competency Training	2	0	2	0	2	None	
	NSTP 1	National Service Training Program 1 (ROTC/CWTS/LTS)	3	0	3	0	3	None	
			14	0	14	0	14		
Second Trimester									
	Hist 11	Readings in Philippine History	3	0	3	0	3	None	
	Educ 103	Assessment of Learning 1	3	0	3	0	3	None	
	Educ 104	The Child and Adolescent Learners and Learning Principles	3	0	3	0	3	None	
	Math 112	Trigonometry	3	0	3	0	3	Math 111	
	Path. Fit. 2	Fitness Training	2	0	2	0	2	Path Fit. 1	
	NSTP 2	National Service Training Program 2 (ROTC/CWTS/LTS)	3	0	3	0	3	None	
			14	0	14	0	14		
Third Trimester									
	Con World	The Contemporary World	3	0	3	0	3	None	
	NCE	NMSCST's Culture of Excellence	3	0	3	0	3	None	
	CST 1	Communication Skills for Teachers	3	0	3	0	3	None	
	Educ 105	Facilitating Learner-Centered Teaching	3	0	3	0	3	None	
	Educ 106	Technology for Teaching and Learning 1	2	1	2	3	3	None	
	Math 113	History of Math	3	0	3	0	3	Math 111	
			14	1	14	3	18		
SECOND YEAR									
First Trimester									
	Hum 11	Art Appreciation	3	0	3	0	3	None	
	Research 101	Introduction to Research	3	0	3	0	3	None	
	Educ 107	Assessment of Learning 2	3	0	3	0	3	Educ 103	
	Math 114	Plane and Solid Geometry	3	0	3	0	3	Math 111	
	Math 115	Mathematics of Investment	3	0	3	0	3	Math 111	
	Path. Fit. 3	Dance/ Sports/ Group Exercises 1	2	0	2	0	2	Path. Fit. 2	
			42	2	42	6	17		
Second Trimester									
	MMW	Mathematics in the Modern World	3	0	3	0	3	None	
	Chemistry	General Chemistry	2	1	2	3	3	None	
	Educ 108	The Teacher and the Community School Culture and Organizational Leadership	3	0	3	0	3	None	
	Math 116	Logic and Set Theory	3	0	3	0	3	None	
	Math 117	Principles & Strategies in Teaching Mathematics	3	0	3	0	3	None	
	Math 118	Elementary Statistics & Probability	3	0	3	0	3	Math 111	
	Path. Fit. 4	Dance/ Sports / Group Exercises 2	2	0	2	0	2	Path. Fit. 3	
			19	1	19	3	20		
Third Trimester									
	Ethics	Ethics	3	0	3	0	3	None	
	Physics 101	General Physics	2	1	2	3	3	None	
	Educ 109	Foundation of Special and Inclusive Education	3	0	3	0	3	None	
	Math 119	Calculus 1 with Analytic Geometry	4	0	4	0	4	Math 111, Math 112, Math 113	
	Math 120	Modern Geometry	3	0	3	0	3	Math 113	
	Math 121	Problem Solving, Mathematical Investigation & Modeling	3	0	3	0	3	Math 111, Math 113, Math 117	
			51	2	51	6	19		

THIRD YEAR		First Trimester							
	Pur Comm	Purposive Communication	3	0	3	0	3	None	
	STS	Science, Technology and Society	3	0	3	0	3	None	
	Educ 110	Teacher and the School Curriculum	3	0	3	0	3	None	
	Math 122	Calculus 2	4	0	4	0	4	Math 118	
	Math 123	Technology for Teaching and Learning 2 (Instrumentation & Technology in Mathematics)	2	1	2	3	3	Educ 104, Educ 106 &107	
	JEEP 1	Job Enabling English Proficiency Accelerate 1	3	0	3	0	3	None	
			18	1	18	3	19		
Second Trimester									
	Rizal	Life and Works of Rizal	3	0	3	0	3	None	
	GAS	Gender and Society	3	0	3	0	3	None	
	Educ 111	Building and Enhancing New Literacies Across the Curriculum	3	0	3	0	3	None	
	Math 124	Advanced Statistics	2	1	2	3	3	Math 115	
	Math 125	Assessment & Evaluation in Mathematics	3	0	3	0	3	Math 124	
	Math 126	Calculus 3	3	0	3	0	3	Math 119	
	JEEP 2	Job Enabling English Proficiency Accelerate 2	3	0	3	0	3	JEEP 1	
			20	1	20	3	21		
Third Trimester									
	PIC PS	Philippine Indigenous Community and Peace Studies	3	0	3	0	3	None	
	Envi Sci	Environmental Science	3	0	3	0	3	None	
	Math 127	Number Theory	3	0	3	0	3	Math 111, Math 117	
	Math 128	Linear Algebra	3	0	3	0	3	Math 117	
	Math 129	Abstract Algebra	3	0	3	0	3	Math 117	
	Research 102	Research Methods	3	0	3	0	3	None	
			18	0	18	0	18		
FOURTH YEAR		First Trimester							
	Research 103	Research in Mathematics/ Undergraduate Thesis	3	0	3	0	3	Research 102	
			3	0	3	0	3		
Second Trimester									
	Field Study 1	Observations of Teaching-Learning in Actual School Environment	0	3	0	15	3	All Prof. Ed. & Major Courses	
	Field Study 2	Participation and Teaching Assistantship	0	3	0	15	3	All Prof. Ed. & Major Courses	
	Educ 112	Literatures on Teaching and Learning in Basic Education	6	6	0	0	6	All Prof. Ed. & Major Courses	
			6	12	0	30	12		
Third Trimester									
	Educ 113	Teaching Internship	0	0	6	40	6	All Academic Subjects, FS 1 & 2	
			0	0	6	40	6		

Summary:	Minimum Requirement	Actual Number of Units
Gen. Educ. Courses	36	36
Prof. Educ. Courses	42	48
Major Courses	63	69
Elective		6
Mandated Courses (PE and NSTP)	14	14
Institutional Requirement		15
TOTAL UNITS	155	188