



BACHELOR OF SECONDARY EDUCATION (MATHEMATICS)
BOT Res. No. 039, series 2018
Effective Academic Year 2022-2023

Summary	Number of Units		
	Per CMO No. 20 s. 2013; CMO No. 75 s. 2017	Existing Curriculum	Enhanced Curriculum
I. General Education	36	36	36
A. GE Core	24	24	24
B. GE Elective	9	9	9
C. Mandated	3	3	3
II. Core Courses	42	48	42
III. Major Courses	63	71	65
IV. Cognates	–	–	–
V. Elective Courses	–	–	–
VI. Mandated Courses	14	14	14
VII. Institutional Courses	–	15	7
Total	155	184	164

FIRST YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.	Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.
	Educ 101	The Teaching Profession			3			GEE 105	Gender and Society			3	
	Educ 102	The Child and Adolescent Learners & Learning Principles			3			GEC 101	Purposive Communication			3	
	GEC 105	Understanding the Self			3			Educ 103	Facilitating Learner Centered Learning			3	
	GEC 103	Mathematics in the Modern World			3			Educ 104	Foundation of Inclusive and Special Education			3	
	GEC 102	Readings in Philippine History			3			Educ 105	Technology for Teaching and Learning			3	
	MATH 101	College & Advanced Algebra			3			MATH 102	Trigonometry			3	M101
	MATH 105	Elementary Statistics & Probability			3			MATH 103	Plane & Solid Geometry			3	
	IC 101	JHCSC Civics Course			1			PATHF it 2	Exercise-Based Fitness Activities			2	
	PATHF it 1	Movement Competency Training			2			NSTP 2	CWTS/LTS/ROTC			3	
	NSTP 1	CWTS/LTS/ROTC			3								
	TOTAL				27			TOTAL				26	

SECOND YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.	Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.
	Educ 201	Building and Enhancing New Literacies Across the Curriculum			3			GEM 101	Life and Works of Rizal			3	
	Educ 202	The Teacher and the School Curriculum			3			Educ 204	The Teacher and the Community, School Culture, and Organizational Leadership			3	
	Educ 203	Assessment in Learning 1			3			Educ 205	Assessment in Learning 2			3	
	MATH 104	Logic & Set Theory			3			MATH 107	Calculus 2			4	MATH 106
	MATH 106	Calculus 1 with Analytic Geometry			4	MATH 101, MATH 102, MATH 103		MATH 110	Mathematics of Investment			3	
	MATH 113	Advanced Statistics			3	MATH 105		MATH 111	Number Theory			3	MATH 104
	MATH 117	Technology for Teaching and Learning 2 (Instrumentation & Technology in Mathematics)			3	Educ 105		MATH 112	Linear Algebra			3	MATH 104
	PATHF it 3	Dance/Sports			2	PATHF it 2		PATHF it 4	Dance/Sports			2	PATHF it 3
	TOTAL				24			TOTAL				24	

THIRD YEAR													
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FIRST SEMESTER							SECOND SEMESTER						
Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.	Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.
	GEC 108	Science, Technology and Society			3			GEC 104	Art Appreciation			3	
	MATH 100	History of Mathematics			3			GEC 106	Ethics			3	
	MATH 108	Calculus 3			3	MATH 107		GEC 107	The Contemporary World			3	
	MATH 114	Abstract Algebra			3	MATH 104		MATH 120	Research in Mathematics 2			3	MATH 118
	MATH 118	Research in Mathematics 1			3	MATH 105, MATH 113		MATH 109	Modern Geometry			3	MATH 101, MATH 102, MATH 103, MATH 112
	MATH 119	Assessment & Evaluation in Mathematics			3	Educ 203, Educ 205		MATH 115	Problem Solving, Mathematical Investigation & Modeling			3	MATH 101, MATH 104, Educ 105, MATH 117
	IC 102	Advanced Academic Reading and Writing			3			MATH 116	Principles & Strategies in Teaching Mathematics			3	Educ 103, Educ 203, Educ 205, Educ 105, MATH 117
	TOTAL				21			TOTAL				21	

FOURTH YEAR													
FIRST SEMESTER							SECOND SEMESTER						
Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.	Grade	Course No.	Description	Le c	La b	Unit s	Pre-req.
	GEE 101	Living in the IT Era			3			Educ 403	Practice Teaching			6	Educ 401, Educ 402
	GEE 104	Entrep Mind			3			IC 104	Seminar on Recent Trends in Education			3	
	Educ 401	Field Study 1			3	All ProfEd and Major Courses							
	Educ 402	Field Study 2			3	All ProfEd and Major Courses							
	TOTAL				12			TOTAL				9	