



BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS

Effective AY 2020-2021
(Per CHED CMO# 75 Series of 2017)

FIRST YEAR										
Code	Pre-Req	First Semester			Code	Pre-Req	Second Semester			Units Lec Lab Total
		Description	Lec	Units Lab Total			Description	Lec	Units Lab Total	
GE 1	none	Understanding the Self	3	- 3	GE 4	none	Readings in Philippine History	3	- 3	
GE 2	none	Mathematics in the Modern World	3	- 3	GE 5	none	The Contemporary World	3	- 3	
GE 3	none	Purposive Communication	3	- 3	M101	none	History of Mathematics	3	- 3	
M100	none	College & Advanced Algebra	3	- 3	M102	M100	Trigonometry	3	- 3	
Prof Ed 1	none	Foundation of Special and Inclusive Education	3	- 3	M103	M100	Plane and Solid Geometry	3	- 3	
Prof Ed 2	none	The Teaching Profession	3	- 3	Prof Ed 3	none	The Child & Adolescent Learners & Learning Principles	3	- 3	
SF 1	none	Student Formation 1	-	1 1	SF 2	SF1	Student Formation 2	-	1 1	
PE 1	none	Physical Education 1	2	- 2	PE 2	PE1	Physical Education 2	2	- 2	
NSTP 1	none	Civic Welfare Training Services 1	3	- 3	NSTP 2	NSTP 1	Civic Welfare Training Services 2	3	- 3	
			23	1 24				23	1 24	

SUMMER				
Code	Pre-Req	Description	Lec	Units Lab Total
M104	none	Elementary Statistics & Probability	3	- 3
M105	M100	Mathematics of Investment	3	- 3
GE 10	none	Environmental Science	3	- 3
			9	- 9

SECOND YEAR										
Code	Pre-Req	First Semester			Code	Pre-Req	Second Semester			Units Lec Lab Total
		Description	Lec	Units Lab Total			Description	Lec	Units Lab Total	
GE 6	none	Art Appreciation	3	- 3	M108	M106	Calculus II	4	- 4	
GE 7	none	Science, Technology, and Society	3	- 3	M109	none	Logic and Set Theory	3	- 3	
GE 8	none	Ethics	3	- 3	GE 9	none	Life and Works of Rizal	3	- 3	
M106	M100, M102, M105	Calculus 1 with Analytic Geometry	4	- 4	GE 11	none	The Entrepreneurial Mind	3	- 3	
M107	M105	Advanced Statistics	3	- 3	Prof Ed 5	none	Assessment in Learning 1	3	- 3	
Prof Ed 8	none	Technology for Teaching and Learning 1	3	- 3	Prof Ed 6	none	Facilitating Learner-Centered Teaching	3	- 3	
SF 3	SF1	Student Formation 3	-	1 1	SF 4	SF1	Student Formation 4	-	1 1	
PE 3	PE 2	Physical Education 3	2	- 2	PE 4	PE 3	Physical Education 4	2	- 2	
			21	1 22				21	1 22	

SUMMER				
Code	Pre-Req	Description	Lec	Units Lab Total
GE 12	none	Great Books	3	- 3
M110	M103, M109	Modern Geometry	3	- 3
M111	M109	Linear Algebra	3	- 3
			9	- 9

THIRD YEAR										
Code	Pre-Req	First Semester			Code	Pre-Req	Second Semester			Units Lec Lab Total
		Description	Lec	Units Lab Total			Description	Lec	Units Lab Total	
M112a	M107	Research in Mathematics	4	- 4	M116	M100, M109	Number Theory	3	- 3	
M113	M108	Calculus III	3	- 3	M117	Prof Ed 5,7,8	Tech. for Teaching & Learning 2 (Instrumentation & Tech. in Math.)	3	- 3	
M114	none	Principles & Strategies in Teaching Mathematics	3	- 3	M118	M107	Assessment & Evaluation in Mathematics	3	- 3	
M115	M109	Abstract Algebra	3	- 3	M119	M100, M103, M109, M110	Problem Solving, Mathematical Investigation & Modeling	3	- 3	
Prof Ed 7	Prof Ed 5	Assessment in Learning 2	3	- 3	M112b	M112a	Thesis Writing	3	- 3	
Prof Ed 4	none	The Teacher and the Community, School Culture, and Organizational Leadership	3	- 3	Prof Ed 9	none	The Teacher and the School Curriculum	3	- 3	
SF 5	SF1	Student Formation 5	-	1 1	Prof Ed 10	none	Building and Enhancing New Literacies Across the Curriculum	3	- 3	
			19	1 20	SF6	SF1	Student Formation 6	-	1 1	
									21	1 22

SUMMER				
Code	Pre-Req	Description	Lec	Units Lab Total
CE 1	All GE Subjects	Competency Enhancement (Gen.Ed.)	3	- 3
CE 2	All Prof Ed Subjects	Competency Enhancement (Prof. Ed.)	3	- 3
CE 3	All Majorship Subj.	Competency Enhancement (Specialization)	3	- 3
			9	- 9



FOURTH YEAR

Code	Pre-Req	First Semester			Code	Pre-Req	Second Semester			Units		
		Description	Lec	Lab			Total	Description	Lec	Lab	Total	
FS 1	4th year standing	Observations of Teaching-Learning in Actual School Environment	3	-	3	Practicum	FS 1, FS 2	Teaching Internship	6	-	6	
FS 2	4th year standing	Participation and Teaching Assistantship	3	-	3				6	1	6	
			6	1	6							