

SILLIMAN UNIVERSITY
DUMAGUETE CITY

School/College: College of Education
Program Name: Bachelor of Secondary Education (BSEd) major in MATHEMATICS
(Guidelines for the Implementation of CMO 75 s. 2017 this PSG implements the “shift to learning competency-based standards/outcomes-based education” in response to the 21st century Philippine Education framework).
Curriculum Year: 2018-2019

First Year
Second Semester

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 11	The Child & Adolescent Learner & Lrng. Principles (with FS 1)	4		4	
GE 1	Understanding the Self	3		3	
GE 3	The Contemporary World	3		3	
GE 5	Purposive Communication	3		3	
GE 7	Science, Technology & Society	3		3	
GE 9	The Life & Works of Jose Rizal	3		3	
CHS 1	Rdg. & Interpreting the Hebrew Scriptures	3		3	
NSTP 1	National Service Training Program	3		3	
PE 1	Physical Fitness & Swimming	2		2	
PEP 1	Personal Enhancement Program	NC		NC	
	Total			27	

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 12	Bldg. & Enhancing New Literacies Across the Curriculum	3		3	
ALA	Augmentation Lrng. Activities	NC		NC	
GE 2	Readings in Phil. History	3		3	
GE 4	Mathematics in the Modern World	3		3	
GE 6	Art Appreciation	3		3	
GE 8	Ethics	3		3	
GE 10	Whole Person Education (WPE)	3		3	
CHS 2	Rdg. & Interpreting the Christian Scriptures	3		3	
NSTP 2	National Service Training Program	3		3	
PE 2	Physical Education	2		2	
PEP 2	Personal Enhancement Program	NC		NC	
	Total			26	

Second Year
Second Semester

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 31	Technology for Tchg & Lrng 1 (with FS 3)	4		4	
ED 33	Assessment of Learning 1	3		3	
ED 35	Facilitating Learner-Centered Tchg . (with FS 2)	4		4	
MathEd 31	College & Advance Algebra	3		3	
MathEd 31	Plane & Solid Geometry	3		3	
MathEd 35	Logic & Set Theory	3		3	
MathEd 37	History of Mathematics	3		3	
GE 11	Sinesosyedad	3		3	
PE 3	Physical Education	2		2	
	Total			28	

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 32	Foundation of Special & Inclusive Education	3		3	
ED 34	Assessment of Learning 2 (with FS 5)	4		4	
ED 36	The Teacher & the School Curriculum (with FS 4)	4		4	
TTL 2	Technology for Tchg. & Lrng. 2- Instrumentation & Technology in Math	3		3	
MathEd 34	Trigonometry	3		3	MathEd 31
MathEd 36	Modern Geometry	3		3	MathEd 33, 35
MathEd 38	Number Theory	3		3	MathEd 35
PE 4	Physical Education	3		3	
		2		2	
	Total			25	

Third Year
Second Semester

Subject Code	Course Title	lec	lab	Units	Pre-req.
MathEd 51	Math of Investment	3		3	
MathEd 53	Elementary Statistics & Probability	3		3	
MathEd 55	Calculus 1	5		5	MathEd 31,33,34
MathEd 57	Abstract Algebra	3		3	
ED 59	The Teaching Profession (with FS 6)	4		4	
MathEd 59	Investigation & Modelling	3		3	
MathEd 61	Research in Mathematics	3		3	
	Total			24	

Subject Code	Course Title	lec	lab	Units	Pre-req.
MathEd 52	Linear Algebra	3		3	MathEd 35
MathEd 54	Advance Statistics	3		3	
MathEd 56	Calculus II	5		5	
MathEd 58	Principles & Strategies of Teaching Mathematics	3		3	
MathEd 62	Assessment & Evaluation in Mathematics	3		3	
ED 62	The Teacher & the Community, School Culture & Organizational Leadership	3		3	
GE 12/CHS 3	Ethics of Christian Faith	3		3	
	Total			23	

Fourth Year
Second Semester

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 71	Teaching Internship	3	3	6	
MathEd 71	Calculus III	5		5	
	Total			11	

Subject Code	Course Title	lec	lab	Units	Pre-req.
ED 72	Teaching Internship	3	3	6	
Elective		3		3	
	Total			9	