

Colegio de San Juan de Letran Calamba

Brgy. Bucal, Calamba City, Laguna

BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS

Curriculum Year 2023-2024

Course Code	Course Title	Lec Units	Lab Units	Hrs	TOTAL	Pre-requisites/ Co-requisites
FIRST YEAR, First Semester						
EDUC253	The Child and Adolescent Learners and Learning Principles	3			3	
EDUC293	Foundation of Special and Inclusive Education	3			3	
EDUC303	The Teacher and the School Curriculum	3			3	
GEC003	Understanding the Self	3			3	
GEC023	Mga Babasahin Hinggil sa Kasaysayan ng Pilipinas	3			3	
GEC033	Mathematics in the Modern World	3			3	
LQEC23-013	Letran Quality Enhancement Course I (Letran Calamba Identity and 21st Century Learning Skills)	3			3	
MTED003	History of Math	3			3	
RELED053	The Catholic Christian Faith	3			3	
Total		27	0	0	27	
FIRST YEAR, Second Semester						
EDUC263	Building and Enhancing New Literacies Across the Curriculum	3			3	
EDUC273	Technology for Teaching and Learning 1	3			3	
EDUC283	Facilitating Learner Centered Teaching	3			3	
GEC053	Art Appreciation	3			3	
GEC063	Purposive Communication	3			3	
LQEC23-023	Letran Quality Enhancement Course II (21st Century Literacy Skills & Life Skills and Sustainability)	3			3	LQEC23-013
MTED173	College and Advanced Algebra	3			3	GEC033
NSTP1-18	National Service Training Program 1	3			3	
PATHFIT1002	Movement Competency Training	2			2	
RELED063	Contemporary Issues in Christian Marriage	3			3	RELED053
Total		29	0	0	29	
SECOND YEAR, First Semester						
EDUC063A	Assessment in Learning 1	3			3	
MTED013B	Plane and Solid Geometry	3			3	co-req MTED023B
MTED023B	Trigonometry	3			3	MTED173, co-req MTED013B
MTED033B	Mathematics of Investment	3			3	MTED003
MTED304	Technology for Teaching and Learning 2 (Instrumentation and Technology in Mathematics)	4			4	EDUC273
NSTP2-18	National Service Training Program 2	3			3	NSTP1-18
PATHFIT2022	Exercise Based Fitness Activities	2			2	PATHFIT1002
RELED083	Christian Ethics	3			3	RELED053
RZL023	Buhay at Gawa ni Rizal	3			3	
Total		27	0	0	27	
SECOND YEAR, Second Semester						
EDUC063B	Assessment in Learning 2	3			3	EDUC063A
GEC013	Science, Technology, and Society	3			3	
GECELEC1	Living in the IT Era	3			3	
MTED043D	Modern Geometry	3			3	MTED013B, MTED023B
MTED073B	Linear Algebra	3			3	MTED173
MTED193	Elementary Statistics and Probability	3			3	MTED173
MTED253	Principles & Strategies in Teaching Mathematics	3			3	MTED304
MTED204	Calculus 1 with Analytic Geometry	4			4	MTED173, MTED013B, MTED023B
PATHFIT3032	Individual/Dual Sports	2			2	PATHFIT1002, PATHFIT2022

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		Units	Units	Units	Hrs		
		Total	27	0	0	27	
THIRD YEAR, First Semester							
GEC043	The Contemporary World	3				3	
GECELEC2	The Entrepreneurial Mind	3				3	
MTED133B	Number Theory	3				3	MTED173, co-req MTED183
MTED183	Logic and Set Theory	3				3	co-req MTED133B
MTED214	Calculus 2	4				4	MTED204
MTED223	Advanced Statistics	3				3	MTED193
MTED263	Research in Mathematics	3				3	MTED253
PATHFIT4042	Contemporary Dance	2				2	PATHFIT1002, PATHFIT2022
RELED073	Society with Immersion	3				3	RELED053
		Total	27	0	0	27	
THIRD YEAR, Second Semester							
EDUC233	The Teaching Profession	3				3	
EDUC313	The Teacher and the Community, School Culture and Organizational Leadership	3				3	
EDUC-RESA	Educational Research I	3				3	MTED263
GEC073	Ethics	3				3	
GECELEC3	Philippine Pop Culture	3				3	
MTED143B	Abstract Algebra	3				3	MTED133B, MTED183
MTED233	Problem Solving, Mathematical Investigation & Modelling	3				3	MTED173, MTED023B, MTED013B
MTED243	Calculus 3	3				3	MTED214
MTED293	Assessment and Evaluation in Mathematics	3				3	MTED253
		Total	27	0	0	27	
FOURTH YEAR, First Semester							
EDUC-RESB	Educational Research II	3				3	EDUC-RESA
EDUC-ST006	Special Topics	6				6	co-req FS1, FS2
FS1	Field Study 1 (Observation of Teaching Learning in Actual School Environment)	3				3	EDUC233, co-req FS2
FS2	Field Study 2 (Participation and Teaching Assistantship)	3				3	EDUC233, co-req FS1
		Total	15	0	0	15	
FOURTH YEAR, Second Semester							
EDUC-PRC6	*Practice Teaching (Off-campus/600 hrs)	6				6	FS1, FS2
		Total	6	0	0	6	
GRAND TOTAL			185	0	0	185	

*Practicum - No simultaneous enrollment is allowed.

jrd/01302023