LAGUNA UNIVERSITY

Laguna Sports Complex, Brgy. Bubukal, Santa Cruz, Laguna
email address: info@lu.edu.ph

PROGRAM OF STUDY
BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS
Effective AY 2023-2024

FIRST YEAR

1st semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	GE 1	Understanding the Self	3	none
	GE 2	Readings in Philippine History	3	none
	GE 3	Mathematics In The Modern World	3	none
	GE 4	Purposive Communication	3	none
	SSP 01	Philippine Indigenous Communities	3	none
	MC 100	History of Math	3	none
	ED01	The Child and Adolescent Learner and Learning Principles	3	none
	PE 1(PATHFit 1)	Movement Competency Training	(2)	none
	NSTP 1	National Service Training Program 1	(3)	none
		Total No. of Units	21(5)	

2nd semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	GE 5	The Contemporary World	3	none
	GE 6	Art Appreciation	3	none
	GE 7	Science, Technology And Society	3	none
	EL 101	Structures of English	3	none
	SSP 03	Gender and Society	3	none
	MC 101	College and Advanced Algebra	3	MC 100
	ED02	The Teacher and the Community, School Culture and Organizational Leadership	3	ED01
	PE 2(PATHFit 2)	Exercised-based Fitness Activities	(2)	PE 1(PATHFit 1)
	NSTP 2	National Service Training Program 2	(3)	NSTP 1
		Total No. of Units	21(5)	

SECOND YEAR

1st semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	SSP 04	The Entrepreneurial Mind	3	none
	MC 102	Plane and Solid Geometry	3	MC101
	MC 103	Trigonometry	4	MC101
	MC 104	Logic and Set Theory	3	none
	ED 03	Facilitating Learner-Centered Teaching	3	ED 01
	ED 04	The Teaching Profession	3	ED 01-02
	ED 05	Technology for Teaching and Learning 1	3	GE 7
	PE 3 (PATHFit 3)	Menu of Dance	(2)	PE 2 (PATHFit2)
		Total No. of Units	22(2)	

2nd semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	GE 8	Ethics	3	none
	MC 105	Calculus 1 with Analytic Geometry	4	MC 101, MC 102 & MC103
	MC 106	Technology for Teaching and Learning 2 (Instrumentation and Technology in Math)	3	ED 05
	MC 107	Elementary Stat and Probability	3	MC 101
	MC108	Mathematics of Investment	3	MC 101
	ED 06	Foundation of Special and Inclusive Education	3	ED 01-04
	ED 07	The Teacher and the School Curriculum	3	ED 01-05
	PE 4 (PATHFit 4)	Sports	(2)	PE 2 (PATHFit2)
		Total No. of Units	22(2)	

Summer

Grade	Course Code	Course Title	No. of Units	Prerequisite
	MC 109	Calculus 2	4	MC101 &105
	MC 110	Linear Algebra	3	MC 100 & 104
		Total No. of Units	7	

CORAZON M. FLORES
Education Supervisor II
CHEDRO IV

THIRD YEAR

1st semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	MC 111	Calculus 3	3	MC 109
	MC 112	Problem Solving, Mathematical Investigation&Modeling	3	MC 101
	MC 113	Number Theory	3	MC 101&104
	MC 114	Modern Geomtery	3	MC 102, 103 & 105
	MC115	Research in Mathematics	4	None
	ED 08	Assessment in Learning 1	3	ED 01-07
	ED 09	Building and Enhancing New Literacies Across the Curriculum	3	ED 05&07
		Total No. of Units	22	

2nd semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	GEM	Life and Works of Rizal	3	none
	MC 116	Assessment and Evaluation in Math	3	ED 08
	MC 117	Advanced Statistics	3	MC 107
	MC 118	Abstract Algebra	3	MC 113
	MC 119	Principles&Strategies in Teaching Math	3	ED01,03
	ED 10	Assessment in Learning 2	3	ED 08
	SP01	Integrative Learning	3	ED 01-09 & GE1-8
		Total No. of Units	21	

FOURTH YEAR

1st semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	EP 1	Field Study 1	3	All Courses
	EP 2	Field Study 2	3	Frm 1st-3rdyr
		Total No. of Units	6	

2nd semester

Grade	Course Code	Course Title	No. of Units	Prerequisite
	EP 3	Teaching Internship	6	EP 01&02
		Total No. of Units	6	

Total Number of Units   161

NAME

PROGRAM CHAIR/DATE

EVALUATED BY/DATE