



ST. PETER'S COLLEGE
Iligan City
CURRICULUM FOR BACHELOR OF SECONDARY EDUCATION
MAJOR IN MATHEMATICS
Starting Academic Year 2024-2025
(Per CMO No. 75, S. 2017 for Professional Standards for Teachers and CMO 20, S. 2013 for General Education Courses)



COMMISSION ON HIGHER EDUCATION
REGION 10

REMARKS: Contents Noted
Date: 09-25-25
Signature: [Signature]

FIRST YEAR

FIRST SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS PREREQ
	Math 100	History of Mathematics	3	0	3
	Educ 1	The Child and Adolescent Learners and Learning Principles	3	0	3
	GEC 1	Understanding the Self	3	0	3
	GEC 3	The Contemporary World	3	0	3
	GEC 6	Art Appreciation	3	0	3
	GEC 8	Ethics	3	0	3
	PE 1	PATH-FIT 1	2	0	2
	NSTP 1	ROTC/CWTS/LTS 1	3	0	3
		TOTAL	23	0	23

SECOND SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS PREREQ
	Math 101	College and Advance Algebra	3	0	3
	Math 104	Logic and Set Theory	3	0	3
	Educ 2	The Teaching Profession	3	0	3
	GEC 2	Readings in Phil. History	3	0	3
	GEC 4	Mathematics in the Modern World	3	0	3
	GEC 5	Purposive Communication	3	0	3
	PE 2	PATH-FIT 2	2	0	2 PE 1
	NSTP 2	ROTC/CWTS/LTS 2	3	0	3 NSTP 1
		TOTAL	23	0	23

SUMMER

FG		Descriptive Title	LEC HRS	LAB HRS	UNITS PREREQ
	GEC 7	Science, Technology and Society	3	0	3
	GEC 10	History of the Muslim Filipinos and the IPs of Mindanao	3	0	3
	GEC 11	Language, Gender & Society / Wika, Gender at Lipunan	3	0	3
		TOTAL	9	0	9

SECOND YEAR

FIRST SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS PREREQ
	Math 102	Trigonometry	3	0	3 Math 101
	Math 103	Plane and Solid Geometry	3	0	3 Math 101
	Math 105	Elementary Statistics and Probability	3	0	3
	Educ 3	Facilitating Learner-Centered Teaching	3	0	3
	Educ 4	Assessment in Learning 1	3	0	3
	Educ 7	Foundation of Special and Inclusive Education	3	0	3
	GEC 12	Ecocriticism and Conservation of Nature	3	0	3
	PE 3	PATH-FIT 3	2	0	2 PE 2
		TOTAL	23	0	23

SECOND SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS PREREQ
	Math 106	Calculus 1 with Analytic Geometry	4	0	4 Math 101 Math 102 Math 103
	Math 109	Modern Geometry	3	0	3 Math 103 Math 104
	Math 110	Mathematics of Investment	3	0	3 Math 101
	Math 113	Advanced Statistics	3	0	3 Math 105
	Educ 5	Assessment in Learning 2	3	0	3 Educ 4
	Educ 6	The Teacher and the Community, School Culture and Organizational Leadership	3	0	3
	PE 4	PATH-FIT 4	2	0	2 PE 3
		TOTAL	21	0	21

SUMMER

FG		Descriptive title	LEC HRS	LAB HRS	UNITS PREREQ
	GEC 9	Life and Works of Rizal	3	0	3
	GEC 13	Philippine Folklore	3	0	3
	FPED	Foundations of Peace Education	3	0	3
		TOTAL	9	0	9

THIRD YEAR

FIRST SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS
	Math 112	Linear Algebra	3	0	3
	Math 111	Number Theory	3	0	3
	Math 107	Calculus II	4	0	4
	Math 116	Principles and Strategies in Teaching Mathematics	3	0	3
	Math 118	Research in Mathematics I	3	0	3
	TTL 1	Technology for Teaching and Learning 1	2	1	3
	EDUC 8	The Teacher and the School Curriculum	3	0	3
		TOTAL	21	1	22

SECOND SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS
	Math 108	Calculus III	3	0	3
	Math 114	Abstract Algebra	3	0	3
	Math 115	Problem Solving, Mathematical Investigation and Modeling	3	0	3
	TTL 2 / Math 117	Technology for Teaching and Learning 2 (Instrumentation and Technology in Mathematics)	3	0	3
	Math 119	Assessment and Evaluation in Mathematics	3	0	3
	Math 120	Research in Mathematics II	3	0	3
	Educ 9	Building and Enhancing New Literacies Across the Curriculum	3	0	3
		TOTAL	21	0	21

FOURTH YEAR

FIRST SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS
	FS 1	Observations of Teaching-Learning in Actual School Environment	3	0	3
	FS 2	Participation and Teaching Assistantship	3	0	3
	CE 1	Curriculum Enhancement 1	3	0	3
		TOTAL	9	0	9

SECOND SEMESTER					
FG		Descriptive Title	LEC HRS	LAB HRS	UNITS
	Educ10	Teaching Internship	6	0	6
	CE 2	Curriculum Enhancement 2	3	0	3
		TOTAL	9	0	9

TOTAL NUMBER OF UNITS FOR THE COURSE BSED MATHEMATICS IS 169

SECOND SEMESTER

ID No. _____ Family Name: _____

EDIL MAE E. MONTECLARO, M.A.E.
Program Head

FIRST SEMESTER

First Name: _____ M.I. _____

JULIET S. TIMBANG, Ed.D.
Dean, College of Education

MICHAEL JERÉ D. ABIOL, D.M.
Vice President for Academic Affairs

Approved by: OFFICE OF THE COMMISSION ON HIGHER EDUCATION



ST. PETER'S COLLEGE
Iligan City



**CURRICULUM FOR FOUR-YEAR COURSE IN
BACHELOR OF SECONDARY EDUCATION Major in Mathematics
STARTING SCHOOL YEAR 2021-2022**

COMMISSION ON HIGHER EDUCATION REGION 10 REMARKS: <i>Content noted</i>
EVALUATED BY: <i>[Signature]</i>
DATE: <i>9/8/21</i>

FIRST YEAR

FIRST SEMESTER							SECOND SEMESTER						
FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ	FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ
	Math 100	History of Mathematics	3	0	3	none		Math 101	College and Advance Algebra	3	0	3	none
	Educ 1	The Child and Adolescent Learner and Learning Principles	3	0	3	none		EDUC 2	The Teaching Profession	3	0	3	none
	GEC 6	Art Appreciation	3	0	3	none		GEC 2	Readings in Phil. History	3	0	3	none
	GEC 1	Understanding the Self / Pag-unawa sa Sarili	3	0	3	none		GEC 4	Mathematics in the Modern World	3	0	3	none
	GEC 8	Ethics	3	0	3	none		GEC 5	Purposive Communication	3	0	3	none
	GEC 3	The Contemporary World	3	0	3	none		GEC 10	History of the Muslim Filipinos and the IPs of Mindanao	3	0	3	none
	PE 1	PATH-FIT 1	2	0	2	none		PE 2	PATH-FIT 2	2	0	2	PE 1
	NSTP 1	ROTC/CWTS/LTS 1	3	0	3	none		NSTP 2	ROTC/CWTS/LTS 2	3	0	3	NSTP 1
		TOTAL	23	0	23				TOTAL	23	0	23	

SUMMER

FIRST YEAR						
FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ
	GEC 7	Science, Technology & Society	3	0	3	none
	Math 104	Logic and Set Theory	3	0	3	none
	GEC 11	Language, Gender, and Society	3	0	3	none
		TOTAL	9	0	9	

SECOND YEAR

FIRST SEMESTER							SECOND SEMESTER						
FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ	FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ
	Math 102	Trigonometry	3	0	3	Math 101		Math 106	Calculus 1 with Analytic Geometry	4	0	4	Math 101, Math 102, Math 103
	Math 103	Plane and Solid Geometry	3	0	3	Math 101		Math 109	Modern Geometry	3	0	3	Math 103, Math 104
	Math 105	Elementary Statistics and Probability	3	0	3	none		Math 110	Mathematics of Investment	3	0	3	Math 101
	GEC 12	Ecocriticism and Conservation of Nature	3	0	3	none		Math 111	Number Theory	3	0	3	Math 101, Math 104
	Educ 3	Facilitating Learner Centered Teaching	3	0	3	none		Educ 5	Assessment in Learning 2	3	0	3	Educ 4
	Educ 4	Assessment in Learning 1	3	0	3	none		Educ 6	The Teacher & the Community, School, Culture, & Organizational Leadership	3	0	3	none
	Educ 7	Foundation of Special and Inclusive Education	3	0	3	none		PE 4	PATH-FIT 4	2	0	2	PE 3
	PE 3	PATH-FIT 3	2	0	2	PE 2			TOTAL	21	0	21	
		TOTAL	23	0	23								

SUMMER

SECOND YEAR						
FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ
	GEC 14	Forms of Contemporary of Philippine Literature	3	0	3	none
	GEC 9	Life & Works of Rizal	3	0	3	none
		TOTAL	6	0	6	

THIRD YEAR

FIRST SEMESTER							SECOND SEMESTER						
FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ	FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ
	Math 112	Linear Algebra	3	0	3	Math 104		Math 108	Calculus 3	3	0	3	Math 107
	Math 113	Advanced Statistics	3	0	3	Math 105		TTL 2 / Math 117	Technology for Teaching and Learning 2 (Instrumentation & Technology in Mathematics)	2	1	3	TTL 1, Educ 5, Math 116
	Math 107	Calculus 2	4	0	4	Math 106		Math 119	Assessment and Evaluation in Mathematics	3	0	3	Math 113
	Math 116	Principles and Strategies in Teaching Mathematics	3	0	3	none		Math 114	Abstract Algebra	3	0	3	Math 104
	Educ 8	The Teacher and the School Curriculum	3	0	3	none		Math 118	Research in Mathematics	4	0	4	Math 113
	TTL 1	Technology for Teaching and Learning	2	1	3	none		Educ 9	Building and Enhancing New Literacies Across the Curriculum	3	0	3	none
	GEC 13	Philippine Folklore	3	0	3	none		Math 115	Problem Solving, Mathematical Investigation and Modeling	3	0	3	Math 101, Math 103, math 104
		TOTAL	21	1	22				TOTAL	21	1	22	

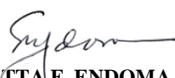
FOURTH YEAR

FIRST SEMESTER							SECOND SEMESTER						
FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ	FG	Subj.No.	Descriptive Title	LEC HRS	LAB HRS	UNITS	PREREQ
	FS 1	Observations of Teaching-Learning in Actual School Environment	3	0	3	All Professional major-specialization subjects		Educ 10	Teaching Internship	6	0	6	FS 1, FS 2
	FS 2	Participation and Teaching Assistantship	3	0	3	All Professional major-specialization subjects		LET EC	LET Enhancement Classes	6	0	6	
		TOTAL	6	0	6				TOTAL	12	0	12	

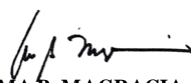
ID No. _____ Family Name _____ First Name _____ M.I. _____


EMMA A. ZALSOS, MAEd

Program Head


MARIETTA F. ENDOMA, Ed.D.

CED Dean


EMMA B. MAGRACIA, Ph.D.

EO for Academic Affairs