



PRESBYTERIAN THEOLOGICAL COLLEGE

6200 Cantil-e, Dumaguete City, Negros Oriental, Philippines

Tel. Nos. (035) 421-2754 ; (035) 421-2030

Email address: ptcmision@yahoo.com.ph

BACHELOR OF SECONDARY EDUCATION (BSED) Major in Mathematics

Based on CHED Memorandum (CMO) No. 75, s. 2017

Name: _____

Contact #: _____

FIRST YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
Math 100	History of Mathematics	3	Math 102	Trigonometry	3
Math 101	College and Advanced Algebra	3	Math 103	Plane and Solid Geometry	3
Ed 101	The Child and Adolescent Learner and Learning Principles	3	Math 104	Logic and Set Theory	3
GE 1	Understanding the Self	3	Ed 102	The Teaching Profession	3
GE 2	Mathematics in the Modern World	3	GE 4	The Contemporary World	3
GE 3	Art Appreciation	3	GE 5	Purposive Communication	3
PE 101	Self-Testing Activities	2	GE 6	Science, Technology and Society	3
NSTP 1	Civic Welfare Training Service 1	3	PE 102	Fundamentals of Rhythmic Activities	2
			NSTP 2	Civic Welfare Training Service 2	3
	Total Units	23		Total Units	26
SECOND YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
Math 106	Calculus I with Analytic Geometry	4	Math 107	Calculus II	4
Math 109	Modern Geometry	3	Math 111	Number Theory	3
Math 110	Mathematics of Investment	3	Math 112	Linear Algebra	3
Ed 103	The Teacher and the Community, School Culture and Organizational Leadership	3	Math 105	Elementary Statistics & Probability	3
GE 9	Religions, Religious Experiences and Spirituality	3	Ed 104	Foundation of Special and Inclusive Education	3
GE 7	Readings in Philippine History	3	Ed 105	Facilitating Learner-Centered Teaching	3
GE 8	Ethics	3	GE 10	Living in the IT Era	3
PE 103	Fundamentals of Games and Sports	2	GE 11	Philippine Popular Culture	3
			PE 104	Recreational Activities	2
	Total Units	24		Total Units	27
THIRD YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
Math 108	Calculus III	3	Math 118	Research in Mathematics	4
Math 113	Advanced Statistics	3	Math 117	Technology for Teaching and Learning 2* Instrumentation and Technology in Mathematics	3
Math 115	Problem Solving, Mathematical Investigations and Modelling	3	Math 119	Assessment and Evaluation in Mathematics	3
Math 116	Principle and Strategies of Teaching Mathematics	3	Ed 109	Building and Enhancing New Literacies Across the Curriculum	3
Math 114	Abstract Algebra	3	Ed 110	The Teacher and the School Curriculum	3
Ed 108	Technology for Teaching and Learning 1	3	Ed 107	Assessment in Learning 2	3
Ed 106	Assessment in Learning 1	3	GE 12	Life and Works of Rizal	3
	Total Units	21		Total Units	22
FOURTH YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code	Descriptive Title	Units	Subject Code	Descriptive Title	Units
FS 1	Field Study 1- Observation of Teaching-Learning in Actual Environment	3	Practicum	Teaching Internship	6
FS 2	Field Study 2- Participation and Teaching Assistantship	3			
	Total Units	6		Total Units	6

SUMMARY	
	TOTAL UNITS
General Education Courses	36
Professional Education Courses	42
Major Courses	63
Physical Education	8
NSTP	6
TOTAL	155