



Accredited by ASCU-AAI

DAVAO CENTRAL COLLEGE

Toril, Davao City

**BACHELOR OF SECONDARY EDUCATION
MAJOR IN MATHEMATICS**

Reference:	CMO 75, s. 2017
Effective:	SY 2018 - 2019
Rev.: 0	May 2018

FIRST YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Eng1	Purposive Communication	3	0	3		GE Fil.1	Malayuning Komunikasyon	3	0	3	
GE Psy1a	Understanding the Self	3	0	3		P.Ed 2	The Teaching Profession	3	0	3	
GE Math1	Mathematics in the Modern World	3	0	3		P.Ed 4	The Teacher & the Comm., Sch. Culture & Org. Leadership	3	0	3	
GE SSoc1	Science, Technology and Society	3	0	3		Mth 3	Trigonometry	3	0	3	Mth 2
P.Ed 1	The Child and Adolescent Learner and Learning Principles	3	0	3		Mth 4	Plane and Solid Geometry	3	0	3	Mth 2
Mth 1	History of Mathematics	3	0	3		Mth 5	Logic and Set Theory	3	0	3	
Mth 2	College and Advance Algebra	3	0	3		IR 1	Mind Education	3	0	3	
LTS 1	Literary Training Service 1	3	0	3		LTS 2	Literary Training Service 2	3	0	3	NSTP 1
P Educ 1	Movement Enhancement	2	0	2		P Educ 2	Fitness Exercise	2	0	2	P Educ 1
Total						Total					
26						26					

Summer					
Subject Code	Description	Lec	Lab	Units	Pre-Req

SECOND YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Fil.2	Ang Panitikang Pilipino	3	0	3		GE Fil.3	Panitikang Pandaigdig	3	0	3	
Rizal	Rizal's Life and Works and Writings	3	0	3		Mth 9	Calculus II	4	0	4	Mth 6
P.Ed 3	Foundation of Special and Inclusive Education	3	0	3		Mth 10	Number Theory	3	0	3	Mth 2&5
P.Ed 9	The Teacher and the School Curriculum	3	0	3		Mth 11	Linear Algebra	3	0	3	Mth 5
Mth 6	Calculus 1 w/ Analytic Geometry	4	0	4	Mth 3	Mth 12	Advanced Statistics	3	0	3	Mth 8
Mth 7	Modern Geometry	3	0	3	Mth 4&5	Mth 13	Abstract Algebra	3	0	3	Mth 5
Mth 8	Elementary Statistics and Probability	3	0	3		IR 2	Peace Education	3	0	3	
P Educ 3	Physical Health Towards Health and Fitness 1	2	0	2	P Educ 2	P Educ 4	Physical Health Towards Health and Fitness 2	2	0	2	P Educ 3
Total						Total					
24						24					

Summer					
Subject Code	Description	Lec	Lab	Units	Pre-Req
GE ESci	The Contemporary World	3	0	3	
GE Eth	Ethics	3	0	3	
GE Hst1	Readings in Philippine History	3	0	3	
Total					
9					

THIRD YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
P.Ed 5	Technology for Teaching and Learning 1	3	0	3		P.Ed 8	Assessment in Learning 2	3	0	3	P.Ed 7
P.Ed 6	Facilitating Learner-Centered Teaching	3	0	3		P.Ed 10	Building and Enhancing New Literacies Across the Curriculum	3	0	3	
P.Ed 7	Assessment in Learning 1	3	0	3		Mth 17	Assessment and Evaluation in Math	3	0	3	Mth 12
Mth 14	Calculus III	3	0	3	Mth 9	Mth 18	Tech. for Teaching and Learning 2 - Instrument & Technology in Math	3	0	3	P.Ed 5
Mth 15	Problem Solving, Mathematical Investigations and Modeling	3	0	3	Mth 2&5	Mth 19	Mathematics of Investment	3	0	3	Mth 2
Mth 16	Principles and Strategies of Teaching Mathematics	3	0	3		IR 3	Personality and Career Development	3	0	3	
Mth Res 1	Research in Mathematics	4	0	4	Mth 12	IR 5	Thesis Writing	3	0	3	
Total						Total					
22						21					

Summer					
Subject Code	Description	Lec	Lab	Units	Pre-Req
GE Art1	Art Appreciation	3	0	3	
Mth 19	Mathematics of Investment	3	0	3	
IR 4	Community Development	3	0	3	
Total					
9					

FOURTH YEAR

First Semester					Second Semester						
Subject Code	Description	Lec	Lab	Units	Pre-Req	Subject Code	Description	Lec	Lab	Units	Pre-Req
FS 1	Observation of Teaching and Learning In Actual School Environment	3	0	3		P Teach	Teaching Internship	6	0	6	
FS 2	Participation and Teaching Assistanceship	3	0	3		Ed Syn 2	Proficiency Assessment Course 2	3	0	3	
Ed.Syn 1	Proficiency Assessment Course 1	3	0	3		Total					
Total						Total					
9						9					

CONTENTS NOTED!

Susan F. Labutap
SUSAN F. LABUTAP
 Education Supervisor II
 Date 9/20/2018

Myrna P. Tubigan
MYRNA P. TUBIGAN, Ed. D.
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DAVAO CENTRAL COLLEGE

Juan Dela Cruz St. Toril, Davao City (Tel. No. 291-1882)

BACHELOR OF SECONDARY EDUCATION (BSEd)

Major in Mathematics

Based on CMO#30, series 2004

Effective SY 2013-2014

FIRST YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
ENG 101	Grammar	6	0	6	none
FIL 1	Komunikasyon sa Akademikong Filipino	3	0	3	none
MATH 101	Integrated Mathematics	3	0	3	none
NS 1	Biological Science	3	0	3	none
PS 3	Politics & Governance w/ Phil. Constitution	3	0	3	none
HIST 1	Philippine History	3	0	3	none
NSTP 1	National Service Training Program 1	(3)	0	(3)	none
PE 1	Self-Testing Activities	(2)	0	(2)	none
		26	0	26	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED 1	Child and Adolescent Development	3	0	3	PSY 1
ENG 102	Expository Writing	3	0	3	ENG 101
FIL 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	3	FIL 1
MATH 102	Contemporary Mathematics	3	0	3	MATH 101
NS 3	Physical Science (Earth Science)	3	0	3	none
PSY 1	General Psychology	3	0	3	none
CAED 100	Keyboarding	3	0	3	none
NSTP 2	National Service Training Program 2	(3)	0	(3)	NSTP 1
PE 2	Fundamentals of Rhythmic Activities	(2)	0	(2)	PE 1
		26	0	26	

SUMMER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
FIL 3	Masing na Pagpapahayag	3	0	3	FIL 2
EDSEM	Special Topics	3	0	3	none
PHILO 4	Intro to Social Philo with Human Rights	3	0	3	none
		9	0	9	

SECOND YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED 2	Facilitating Learning	3	0	3	PROFED 1
PROFED 5	Principles of Teaching 1	3	0	3	none
MATH 3	Advanced Algebra for Education	3	0	3	MATH 1
ENG 201	Communicative English	3	0	3	ENG 102
LIT 1	Philippine Literature	3	0	3	none
PHILO 1	Logic	3	0	3	none
RIZAL	Rizal's Life, Works and Writings	3	0	3	none
PE 3	Individual and Dual Sports	(2)	0	(2)	PE 2
FS 1	Learner's Dev't & School Environment	1	0	1	PROFED 1
		24	0	24	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED 6	Principles of Teaching 2	3	0	3	PROFED 5
PROFED 4	Intro to Philosophy of Education	3	0	3	none
SOCIO 2	Society & Culture w/ Family Planning	3	0	3	none
MATH 8	Plane and Analytic Geometry	3	0	3	MATH 1
ART 1	Art Appreciation	3	0	3	none
LIT 2	World Literature	3	0	3	none
ICT	Information Communication Technology	3	0	3	none
PE 4	Recreational Activities	(2)	0	(2)	PE 3
FS 2	Experiencing the Teaching Learning Process	1	0	1	FS 1
		24	0	24	

SUMMER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
MATH 6	History of Mathematics	3	0	3	none
MATH 7	Foundation of Mathematics	3	0	3	MATH 1
MATH 8a	Set Theory	3	0	3	MATH 1, 8
		9	0	9	

THIRD YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED13	Assessment of Student Learning 1	3	0	3	none
PROFED12	Curriculum Development	3	0	3	none
EDTECH 1	Educational Technology 1	3	0	3	none
MATH 4	Plane and Solid Trigonometry	3	0	3	MATH 1
MATH 13	Instrumentation in Mathematics	3	0	3	MATH 1
MATH 12	Calculus 1	3	0	3	MATH 8
MATH 5	Elementary Statistics	3	0	3	none
PROFED 8	Intro to Research Education (Seminar)	1	0	1	none
FS 3	Use of Technology for Micro Teaching	1	0	1	FS 2
FS 4	Exploring The Curriculum	1	0	1	FS 3
		24	0	24	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED15	Assessment of Student Learning 2	3	0	3	PROFED13
EDTECH 2	Educational Technology 2	3	0	3	EDTECH 1
PROFED 3	Social Dimension of Education	3	0	3	none
PROFED 7	Developmental Reading	3	0	3	none
MATH 11	Solid Geometry	3	0	3	MATH 8
MATH 15	Seminar on Problem Solving in Math	3	0	3	none
MATH 9	Probability & Statistics	3	0	3	MATH 7
MATH 14	Calculus 11	3	0	3	MATH 2
PROFED 9	Teacher Leadership (Seminar)	1	0	1	none
FS 5	Learning Assess Strategies & Class Teach	1	0	1	FS 4
		26	0	26	

SUMMER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
MATH 22	Seminar on Technology in Mathematics	3	0	3	none
PROFED 11	Sel. Production & utilization of Inst. Materials	3	0	3	none
CAED 500	Career & Personality Development	3	0	3	none
		9	0	9	

FOURTH YEAR

FIRST SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PROFED16	Teaching Profession	3	0	3	none
MATH 17	Linear Algebra	3	0	3	MATH 1, 8
MATH 20	Research in Mathematics Education	3	0	3	none
MATH 16	Number Theory	3	0	3	MATH 1
MATH 10	Advanced Statistics	3	0	3	MATH 1
MATH 19	Abstract Algebra	3	0	3	MATH 1,8
MATH 21	Mathematical Investigations & Modelling	3	0	3	none
MATH 18	Modern Geometry	3	0	3	MATH 1,8
FS 6	The Teaching Profession	1	0	1	FS 5
		25	0	25	

SECOND SEMESTER		UNIT DISTRIBUTION			
Code	Description	Lec	Lab	Total	Prereq
PRACTEACH	Practicum	6	0	6	FS 1-6
REVCLASS	In-House LET Review	6	0	6	none
		12	0	12	

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