



University of Cebu Main Campus
College of Teacher Education
 Bachelor of Secondary Education Major in Mathematics (BSED-Mathematics)
 CHED MEMO No. 75 Series of 2017
Effective School Year 2022-2023

Name : _____ Date Started / First Enrolled : _____
 ID Number : _____ Expected Date of Graduation : _____

FIRST YEAR

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
1 st Sem	HUM 101	Art Appreciation	3				3	
	PSYCH 101	Understanding the Self	3				3	
	ENGL 101	Purposive Communication	3				3	
	TC 111	Foundation of Special and Inclusive Education	3				3	
	TC 112	The Child and Adolescent Learners and Learning Principles	3				3	
	MATH 001	History of Mathematics	3				3	
	PE 101	Movement Competency Training (PATHFit 1)	2				2	
	NSTP 101	National Service Training Program 1	3				3	
Total			23				23	

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
2 nd Sem	MATH 101	Mathematics in the Modern World	3				3	
	HUM 102	Philippine Popular Culture	3				3	
	HIST 101	Readings in Philippine History	3				3	
	COMP 100	Computer Applications	2		1	3	3	
	PC 121	Building and Enhancing New Literacies Across the Curriculum	3				3	
	PC 122	Facilitating Learner-Centered Teaching	3				3	TC 112
	MATH 002	College & Advanced Algebra	3				3	
	PE 102	Exercised-Based Fitness Activities (PATHFit 2)	2				2	PE 101
	NSTP 102	National Service Training Program 2	3				3	NSTP 101
Total			25		1		26	

SECOND YEAR

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
1 st Sem	STS 101	Science, Technology and Society	3				3	
	SOCIO 101	The Contemporary World	3				3	
	PC 213	Technology for Teaching and Learning 1	3				3	
	MATH 003	Trigonometry	3				3	MATH 002
	MATH 004	Logic & Set Theory	3				3	
	MATH 005	Plane and Solid Geometry	3				3	MATH 002
	MATH 006	Elementary Statistics & Probability	3				3	
	PE 103	Sports and Dance (PATHFit 3)	2				2	PE 102
Total			23				23	

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
2 nd Sem	PHILO 101	Ethics	3				3	
	SOCIO 102	Gender and Society	3				3	
	MATH 007	Principles and Strategies in Teaching Mathematics	3				3	PC 122
	MATH 008	Modern Geometry	3				3	MATH 004 MATH 005
	MATH 009	Calculus 1 with Analytic Geometry	4				4	MATH 005, MATH 008
	MATH 010	Abstract Algebra	3				3	MATH 004, MATH 011
	MATH 011	Linear Algebra	3				3	MATH 004 MATH 010
	MATH 012	Mathematics of Investment	3				3	MATH 002
	PE 104	Sports/Outdoor Adventure Activities (PATHFit 4)	2				2	PE 103
	Total			27				27

SUMMER

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
Summer	LIT 101	Literature of the World	3				3	
	RIZAL 101	Life and Works of Dr. Jose Rizal	3				3	
	MATH 013	Number Theory	3				3	MATH 002, MATH 004
Total			9				9	

THIRD YEAR

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
1 st Sem	TC EC 311	Education Enhancement Course 1	3				3	All Gen Ed Courses
	TVL 100	TEHVOC NCII – Computer Servicing	2		1	3	3	
	TC 313	The Teaching Profession	3				3	PC 121
	ENTREP 100	Entrepreneurship	3				3	
	PC 314	Assessment in Learning 1	3				3	PC 122
	PC 315	The Teacher and the School Curriculum	3				3	PC 121
	MATH 014	Calculus II	4				4	MATH 009
	MATH 015	Advanced Statistics	3				3	MATH 006, TC RES 311
	MATH 016	Problem Solving, Mathematical Investigation and Modelling	3				3	MATH 004, MATH 008
		Total	27		1		28	

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
2 nd Sem	TC EC 322	Education Enhancement Course 2	3				3	All PC & TC Courses
	TC 324	The Teacher and the Community, School Culture and Organizational Leadership	3				3	TC 313
	PC 325	Assessment in Learning 2	3				3	PC 314
	MATH 017	Research in Mathematics	4				4	MATH 015
	MATH 018	Assessment and Evaluation in Mathematics	3				3	PC 325, MATH 010
	MATH 019	Technology for Teaching and Learning 2 - (Instrumentation and Technology in Mathematics)	2		1	3	3	PC213, PC 325, MATH 010
	MATH 020	Calculus III	3				3	MATH 014
			Total	21		1		22

FOURTH YEAR

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
1 st Sem	FS 411	Field Study 1	3				3	All 3 rd year courses
	FS 412	Field Study 2	3				3	All 3 rd year Courses
			Total	6			6	

	Course Code	Descriptive Title	Lec		Lab		Total Units	Pre / Co requisite
			Units	Hrs	Units	Hrs		
2 nd Sem	PT 422	Teaching Internship	6				6	FS 411 FS 412
		Total	6				6	

Summary of Courses:

General Education Courses	39
PE and NSTP	14
Professional Education Courses	
Foundations/Theories and Concepts	12
Pedagogical Content Knowledge	18
Major Courses	63
Practicum/ Experiential Learning	12
Institutional Offering	3
Other Courses	9
TOTAL	170


Dr. Rex T. Argate
Dean


Dr. Debra A. Liagas
Dean


Mr. Benly S. Formoso
Dean


Ms. Efra B. Sabornido
Dean


Yolanda C. Sayson, Ed.D.
VC for Academic Affairs – Gen Ed


Anna Liza B. Son, Ed.D.
VC for Academic Affairs – Prof Ed