



Ateneo de Zamboanga University
COLLEGE OF SCIENCE, INFORMATION TECHNOLOGY, AND ENGINEERING
BACHELOR OF SCIENCE IN MATHEMATICS (BS MATH)

FIRST YEAR First Semester			
FG	Course Code	Course Title	Units
	MAT 101	Fundamental Concepts of Mathematics	3
	MATEL 1	Analytic Geometry	3
	MATEL 2	Algebra and Trigonometry	3
	MATMOD	Mathematics in the Modern World	3
	MAT 102	Fundamentals of Computing I	3
	FFP1	Freshman Formation Program	3
	NSTP1	National Service Training Program 1	3
	PATHFIT 1	Movement Enhancement	2
Total			23

Second Semester			
FG	Course Code	Course Title	Units
	SPIECO	Spirituality & Ecology in the Christian, Ignatian and Islamic Traditions	3
	PURCOM	Purposive Communication	3
	UNDSELF	Understanding the Self	3
	MAT 103	Calculus I	5
	FFP2	Freshman Formation Program 2	3
	NSTP2	National Service Training Program 2	3
	PATHFIT2	Fitness Exercise	2
Total			22

SUMMER			
FG	Course Code	Course Title	Units
	MAT 104	Linear Algebra	3
	MAT 105	Probability	3
Total			6

SECOND YEAR First Semester			
FG	Course Code	Course Title	Units
	SCITECS	Science, Technology & Society	3
	MAT 106	Calculus II	5
	RIZAL	Life and Works of Rizal	3
	MATEL 3	Operations Research	3
	ARTAPP	Art Appreciation	3
	ACADWRI	Academic Writing	3
	PATHFIT 3	Dance/Sports/Rec & Games I	2
Total			22

Second Semester			
FG	Course Code	Course Title	Units
	VOCMIS	Vocation & Mission in the Christian, Ignatian and Islamic Traditions	3
	PHIHUM	Philosophy of the Human Person: Social & Political Dimensions	3
	MAT 107	Calculus III	3
	GE ELECT-DA	Data Analytics	3
	MAT 108	Number Theory	3
	PHIHIS	Readings in Philippine History	3
	PATHFIT 4	Dance/Sports/Rec & Games	2
Total			20

SUMMER			
FG	Course Code	Course Title	Units
	MATEL 4	Graph Theory	3
	MAT 109	Differential Equations I	3
Total			6

THIRD YEAR First Semester			
FG	Course Code	Course Title	Units
	GE ELECT-LM	Literatures of Mindanao	3
	ETHICS	Ethics	3
	MAT 110	Advanced Calculus I	3
	MAT 111	Advanced Course in Analysis	3
	CONWOR	Contemporary World	3
	MAT RES	Research	3
	SSED 11	General Physics I	4
Total			22

Second Semester			
FG	Course Code	Course Title	Units
	MAT 112	Modern Geometry	3
	MAT 113	Numerical Analysis	3
	MATEL 5	Mathematical Investigation & Modelling	3
	SSED 17	General Physics II	4
	MAT 114	Abstract Algebra I	3
	MAT Elect	Data Mining	3
	MATEL 6	Theory of Interest	3
Total			22

FOURTH YEAR First Semester			
FG	Course Code	Course Title	Units
	MATEL 7	Real Analysis	3
	MAT 115	Statistical Theory	3
	PED ASSESS 1	Assessment of Learning I	3
	THESIS-MAT1	Thesis I	3
Total			12

Second Semester			
FG	Course Code	Course Title	Units
	MAT 116	Topology	3
	MAT 117	Complex Analysis	3
	PED FACI LCT	Facilitating Learner-centered Teaching	3
	THESIS-MAT II	Thesis II	3
Total			12