

BACHELOR OF SCIENCE IN MATHEMATICS

FIRST YEAR

First Semester

FG	Course No.	Course Title	Units
	PURCOM	Purposive Communication	3
	UNDESELF	Understanding the Self	3
	SPIECO	Spirituality & Ecology in the Christian, Ignatian and Islamic Traditions	3
	PHIHIS	Readings in Philippine History	3
	FFP-NSTP1	FreshFormProg/NSTP I	4.5
	PATHFIT1	Movement Enhancement	2
	MAT 101	Precalculus Mathematics I & II	6
		Total	24.5

Second Semester

FG	Course No.	Course Title	Units
	MATMOD	Mathematics in the Modern World	3
	PHIHUM	Philosophy of the Human Person: Social & Political Dimensions	3
	VOCMIS	Vocation & Mission in the Christian, Ignatian and Islamic Traditions	3
	RIZAL	Life and Works of Rizal	3
	FFP-NSTP2	FreshFormProg/NSTP II	4.5
	PATHFIT 2	Fitness Exercise	2
	MAT 102	Calculus I	5
	MAT 103	Fundamentals of Computing I	3
		Total	26.5

SECOND YEAR

First Semester

FG	Course No.	Course Title	Units
	SCITECS	Science, Technology & Society	3
	ETHICS	Ethics	3
	CONWOR	Contemporary World	3
	PATHFIT3	Dance/Sports/Rec&Games I	2
	MAT 104	Calculus II	5
	MAT 105	Statistics	3
	MAT 106	Fund Concepts of Mathematics	3
		Total	22

Second Semester

FG	Course No.	Course Title	Units
	ARTAPP	Art Appreciation	3
	PATHFIT4	Dance/Sports/Rec&Games II	2
	MAT 107	Calculus III	3
	MAT 108	Probability	3
	MAT 109	Linear Algebra	3
	MAT 110	Abstract Algebra I	3
	MATEL 1	Set Theory/Logic	3
	MATEL 2	Fund of Computing II	3
		Total	23

SUMMER

FG	Course Code	Course Title	Units
	GE ELECT-DA	Data Analytics	3
	MAT 111	Differential Equations I	3

THIRD YEAR

First Semester

FG	Course No.	Course Title	Units
	GE ELECT-LM	Literatures of Mindanao	3
	MAT 112	Modern Geometry	3
	MAT 113	Advanced Calculus I	3
	MAT 114	Advanced Course in Analysis	3
	MATEL 3	Discrete Mathematics	3
	MATEL 4	Operations Research I	3
	MATEL 5	Graph Theory	3
		Total	21

Second Semester

FG	Course No.	Course Title	Units
	MATEL 6	Operations Research II	3
	MATEL 7	Numerical Analysis	3
	MATEL 8	Number Theory	3
	MAT 115	Complex Analysis	3
	MAT 116	Advanced Calculus II	3
	MAT RES	Research	3
		Total	18

SUMMER

FG	Course Code	Course Title	Units
	MATEL 9	Theory of Interest	3
	MATEL 10	Real Analysis	3

FOURTH YEAR

First Semester

FG	Course No.	Course Title	Units
	MATEL 11	Abstract Algebra II	3
	MATEL 12	Topology	3
	THESIS-MAT I	Thesis I	3
		Total	9

Second Semester

FG	Course No.	Course Title	Units
	MATEL 13	Statistical Theory	3
	THESIS-MAT II	Thesis II	3
		Total	6

EFFECTIVE SCHOOL YEAR 2018-2019