

**Bachelor of Secondary Education Major in Mathematics**

## 1st Year - 1st Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
GE 1 - 0	Understanding the Self	3			0
NSTP 1 CTE	Civic Welfare Training Service/Reserve Officer Training Corps 1	3			0
MATH 101	History of Mathematics	3			0
MATH 102	Trigonometry	3			0
PROF ED 101	The Child and Adolescent Learners and Learning Principles	3			0
PE 1	Physical Activities Toward Health and Fitness (Movement Competency Training)	2			0
Elec 8 - 0	Philippine Indigenous Communities	3			0
GE 6 - 0	The Contemporary World	3			0
CVE 101-CTE	Christian Values Education 101	2			0
PROF ED 102	Facilitating Learner-Centered Teaching	3			0

## 1st Year - 2nd Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
CVE 102-CTE	Christian Values Education 102	2	CVE 101-CTE		0
GE 3 - 0	Mathematics in the Modern World	3			0
PROF ED 107	Foundation of Special and Inclusive Education	3	PROF ED 102		0
PE 2	Physical Activities Toward Health and Fitness (Exercise-Based Physical Fitness Activities)	2			0
MATH 103	College and Advanced Algebra	3	MATH 102		0
MATH 104	Plane and Solid Geometry	3	MATH 102		0
GE 2 - 0	Readings in Philippine History	3			0
NSTP 2 CTE	Civic Welfare Training Service/Reserve Officer Training Corps 2	3	NSTP 1 CTE		0
GE 4 - 0	Art Appreciation	3			0
Elec 5	Microsoft Software Applications	3			0



## 2nd Year - 1st Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
MATH 105	Logic and Set Theory	3			0
PROF ED 104	Technology for Teaching and Learning 1	3			0
GE 7 - 0	Science, Technology and Society	3			0
ELEC 9 EDUC	Great Works	3			0
MATH 106	Calculus 1 with Analytic Geometry	4			0
PE 3	Physical Activities Toward Health and Fitness (Dance)	2			0
MATH 107	Principles and Strategies in Teaching Mathematics	3			0
GE 8	Ethics	3			0
CVE 201-CTE	Christian Values Education 201	1	CVE 102-CTE		0
PROF ED 103	The Teacher and the Community, School Culture and Organizational Leadership	3			0

2<sup>nd</sup> Year – 2<sup>nd</sup> Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
GE 5	Purposive Communication	3			0
PROF ED 106	Building and Enhancing New Literacies across the Curriculum	3			0
MATH 110	Technology for Teaching and Learning 2 (Instrumentation and Technology in Mathematics)	3	PROF ED 104		0
PE 4	Physical Activities Toward Health and Fitness (Sports)	2			0
MATH 109	Calculus 2	4	MATH 106		0
CVE 202-CTE	Christian Values Education 202	1			0
Elec 7 CTE	Environmental Science	3			0
Elec 6	Digital Media Processing	3			0
MATH 108	Elementary Statistics and Probability	3	MATH 103		0
PROF ED 105	The Teacher and the School Curriculum	3			0



## 3rd Year - 1st Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
MATH 115	Advanced Statistics	3	MATH 107		0
MATH 113	Number Theory	3	MATH 105		0
PROF ED 110	The Teaching Profession	3	PROF ED 101, PROF ED 102, PROF ED 103, PROF ED 104, PROF ED 105, PROF ED 106, PROF ED 107		0
MATH 112	Linear Algebra	3	MATH 103		0
MATH 114	Abstract Algebra	3			0
PROF ED 108	Assessment of Learning 1	3			0
MATH 116	Research in Mathematics (Chapters 1 & 2)	3			0
MATH 111	Modern Geometry	3	MATH 106		0

## 3rd Year - 2nd Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
MATH 117	Research in Mathematics (Chapters 3 & 4)	3	MATH 116		0
GE 9	The Life and Works of Rizal	3			0
PROF ED 109	Assessment of Learning 2	3	PROF ED 108		0
MATH 118	Calculus 3	4	MATH 110		0
MATH 120	Problem Solving, Mathematical Investigation & Modelling	3	MATH 107		0
MATH 121	Assessment and Evaluation in Mathematics	3			0
MATH 119	Mathematics of Investment	3	MATH 107		0

## 4th Year - 1st Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
PROF ED 111	Field Study 1	3			0
PROF ED 112	Field Study 2	3			0

## 4th Year - 2nd Term

Code	Description	Units	Prerequisites	Corequisites	Required Units
PROF ED 113	Teaching Internship	6			0