

**BACHELOR OF SECONDARY EDUCATION MAJOR in MATHEMATICS (BSED-Mathematics)****FIRST YEAR**First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
ENGL 100	Communication Arts	3	-
FIL 101	Sining ng Komunikasyon	3	-
MATH 100	College Mathematics	3	-
PSYCH 101	Understanding the Self	3	-
AID 100	Basic First Aid and Emergency Treatment-Disaster Preparedness	3	-
TC 111	Foundation of Special and Inclusive Education	3	-
TC 112	The Child and Adolescent Learners and Learning Principles	3	-
MATH 111	History of Mathematics	3	-
PE 101	Movement Enhancement	2	-
NSTP 101	National Service Training Program 1	3	-
	<b>TOTAL</b>	<b>29</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
ENGL 101	Purposive Communication	3	
FIL 102	Panitikan ng Pilipinas	3	
MATH 101	Mathematics in the Modern World	3	
HIST 101	Readings in Philippine History	3	
COMP 100	Computer Applications	3	
PC 121	Building and Enhancing New Literacies Across the Curriculum	3	
PC 122	Facilitating Learner-Centered Teaching	3	TC 112
MATH 122	College & Advanced Algebra	3	
PE 102	Fitness Exercises	2	PE 101
N STP 102	National Service Training Program 2	3	NSTP 101
	<b>TOTAL</b>	<b>29</b>	

**SECOND YEAR**First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
AWPR 100	Academic Writing and Professional Reports	3	
STS 101	Science, Technology and Society	3	
HUM 101	Art Appreciation	3	
PC 213	Technology for Teaching and Learning 1	3	
MATH 213	Trigonometry	3	MATH 122
MATH 214	Logic & Set Theory	3	
MATH 215	Plane and Solid Geometry	3	MATH 122
MATH 216	Elementary Statistics & Probability	3	
PE 103	Physical Activity Towards Health and Fitness I	2	PE 102
	<b>TOTAL</b>	<b>26</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
PHILO 101	Ethics	3	
SOCIO 101	The Contemporary World	3	
MATH 227	Principles and Strategies in Teaching Mathematics	3	PC 122
MATH 228	Modern Geometry	3	MATH 214 MATH 215
MATH 229	Calculus 1 with Analytic Geometry	4	MATH 215 MATH 228
MATH 2210	Abstract Algebra	3	MATH 214 MATH 2211
MATH 2211	Linear Algebra	3	MATH 214 MATH 2210
MATH 2212	Mathematics of Investment	3	MATH 122
PE 104	Physical Activity Towards Health and Fitness I	3	PE 103
	<b>TOTAL</b>	<b>27</b>	

**THIRD YEAR**First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
TC RES 311	Introduction to Research	3	AWPR 100
ENTREP 100	Entrepreneurship	3	
TC EC 311	Education Enhancement Course 1	3	All Gen. Ed. Courses
PC 314	Assessment in Learning 1	3	PC 122
PC 315	The Teacher and the School Curriculum	3	PC 121
TC 313	The Teaching Profession	3	PC 121
MATH 3114	Calculus II	4	MATH 229
MATH 3115	Advanced Statistics	3	MATH 216 TC RES 311
MATH 3116	Problem Solving, Mathematical Investigation and Modelling	3	MATH 214 MATH 228
	<b>TOTAL</b>	<b>28</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
TC RES 322M	Research in Mathematics	4	TC RES 311 MATH 3115
TC EC 322	Education Enhancement Course 2	3	All PC & TC Courses
TVL 101	TECHVOC NCII – Computer Servicing	2	
PC 325	Assessment in Learning 2	3	PC 314
TC 324	The Teacher and the Community School Culture and Organizational Leadership	3	TC 313
MATH 3217	Assessment and Evaluation in Mathematics	3	PC 325 MATH 3115
MATH 3218	Technology for Teaching and Learning 2 – (Instrumentation and Technology in Mathematics)	2	PC 213, PC 325 MATH 2210
MATH 3219	Calculus III	3	MATH 3114
	<b>TOTAL</b>	<b>25</b>	

**FOURTH YEAR**

First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
FS 411	Field Study 1	3	All 3 <sup>rd</sup> Year Courses
FS 412	Field Study 2	3	All 3 <sup>rd</sup> Year Courses
	<b>TOTAL</b>	<b>6</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
PT 422	Teaching Internship	6	FS 411 FS 412
	<b>TOTAL</b>	<b>6</b>	

**SUMMER CLASS**

AFTER SECOND YEAR

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
FIL 103	Retorika	3	
RIZAL 101	Life and Works of Dr. Jose Rizal	3	
MATH 2413	Number Theory	3	MATH 122 MATH 214
	<b>TOTAL</b>	<b>9</b>	