

BACHELOR OF SECONDARY EDUCATION MAJOR IN MATHEMATICS (BSEd)**LIST OF COURSES BY SEMESTER**

BOR Resolution No._____, Series of 2017

First Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
GEC106	Art Appreciation	3	3	0	3	None
GEC108	Science & Technology and Society	3	3	0	3	None
GEC109	Life & Works of Rizal	3	3	0	3	None
CPE100	The Child and Adolescent Learners and Learning Principles	3	3	0	3	None
CPE101	The Teaching Profession	3	3	0	3	None
MAT002	College and Advanced Algebra	3	3	0	3	None
EDM107	History of Mathematics	3	3	0	3	None
PED001	Exercise Prescription and Management	2	2	0	2	None
NST001	National Service Training Program 1	(3)	(3)	0	(3)	None
Total		23	23	0	23	

First Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
GEC101	Understanding the Self	3	3	0	3	None
GEC102	Purposive Communication	3	3	0	3	None
GEC104	Mathematics in the Modern World	3	3	0	3	None
GEC105	Readings in the Philippine History	3	3	0	3	None
CPE102	The Teacher and Community, School, Culture and Organizational Leadership	3	3	0	3	CPE101
MAT007	Plane and Solid Geometry	3	3	0	3	MAT002
MAT015	Trigonometry	3	3	0	3	None
PED002	Dance/Martial Arts	2	2	0	2	PED001
NST002	National Service Training Program 2	(3)	(3)	0	(3)	NST001
Total		23	23	0	23	

First Year, Summer

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
CPE103	Foundation of Special and Inclusive Education	3	3	0	3	CPE100
CPE104	Facilitating Learner-Centered Teaching	3	3	0	3	CPE100
Total		6	6	0	6	

Second Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
HIS003	History of Filipino Muslims and Indigenous Peoples of MINSUPALA	3	3	0	3	None
FPE101	Fundamentals of Peace Education	3	3	0	3	None
CPE105	Assessment in Learning I	3	3	0	3	CPE100
CPE107	Technology for Teaching and Learning 1	3	3	0	3	CPE100
MAT051	Calculus I	5	5	0	5	MAT002, MAT015
EDM131	Mathematics of Investment for Teachers	3	3	0	3	None
PED003	Individual/Dual Sports/Traditional/Recreational Games	2	2	0	2	PED001
Total		22	22	0	22	

Second Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
FIL101	Wika at Kultura sa Mapayapang Lipunan	3	3	0	3	None
GEC103	The Contemporary World	3	3	0	3	None
GEC107	Ethics	3	3	0	3	None
CPE106	Assessment in Learning 2	3	3	0	3	CPE105
MAT061	Calculus II	5	5	0	5	MAT051
MAT101	Logic and Set Theory	3	3	0	3	MAT051
PED004	Team Sports	2	2	0	2	PED001
Total		22	22	0	22	

Second Year, Summer

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
CPE108	The Teacher and the School Curriculum	3	3	0	3	CPE101, CPE102
CPE109	Building and Enhancing New Literacies Across the Curriculum	3	3	0	3	CPE101, CPE102
Total		6	6	0	6	

Third Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
FIL102	Ekokritisismo at Pagpapahalaga sa Kalikasan	3	3	0	3	None
CPE198	Research Methods	3	3	0	3	CPE106
MAT071	Calculus III	5	5	0	5	MAT061
MAT106	Number Theory	3	3	0	3	MAT101
STT061	Advanced Statistics & Probability for Teachers	5	5	0	5	MAT051
EDM134	Technology for Teaching and Learning 2 (Inst & Tech in Math)	3	3	0	3	CPE107
Total		22	22	0	22	

Third Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
FIL103	Inobasyon sa Wikang Filipino	3	3	0	3	None
MAT121	Liner Algebra	3	3	0	3	MAT071, MAT101
MAT125	Abstract Algebra	3	3	0	3	MAT071, MAT101
EDM199	Undergraduate Thesis	3	3	0	3	CPE198
EDM132	Problem Solving, Mathematical Investigation & Modeling	3	3	0	3	MAT071
EDM133	Principles & Strategies in Teaching Math	3	3	0	3	CPE100
EDM135	Assessment & Evaluation in Mathematics	3	3	0	3	CPE106
Total		21	21	0	21	

Fourth Year, First Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
ELC101	Field Study 1: Observations of Teaching-Learning in Actual School Environment	3	3	0	3	CPE103,CPE104 CPE106,CPE107 EDM133,EDM135
ELC102	Field Study 2: Participation and Teaching Assistantship	3	3	0	3	CPE103,CPE104 CPE106,CPE107 EDM133,EDM135
MAT128	Modern Geometry	3	3	0	3	MAT121, MAT125
Total		9	9	0	9	

Fourth Year, Second Semester

Course No.	Course Title	Units	Hrs/Week			Prerequisite(s)
			Lec	Lab	Total	
ELC197	Teaching Internship	6	6	0	6	ELC101, ELC102
Total		6	6	0	6	

Grand Total 160 Units