

COLLEGE OF EDUCATION
Bachelor of Secondary Education
Major in **Math**
Curriculum Year **2011 - 2012**

First Year

First Semester

SUBJECT CODE	SUBJECT NAME/DESCRIPTION	HOURS		UNITS		Pre-Requisite
		LEC.	LAB.	LEC.	LAB.	
ENG 11	COMMUNICATION ARTS 1	3.0	0.0	3.0	0.0	
FIL 11	KOMUNIKASYON SA AKADEMIKONG FILIPINO	3.0	0.0	3.0	0.0	
MTH11	BUSINESS MATHEMATICS	3.0	0.0	3.0	0.0	
NSC 29	INTRODUCTION TO PHYSICAL SCIENCE	3.0	0.0	3.0	0.0	
NSTP 11	NATIONAL SERVICE TRAINING PROGRAM 1	3.0	0.0	3.0	0.0	
PE 11	PHYSICAL FITNESS AND GYMNASTICS	2.0	0.0	2.0	0.0	
PHI 13	LOGIC	3.0	0.0	3.0	0.0	
PSY 11	GENERAL PSYCHOLOGY WITH DRUG EDUCATION	3.0	0.0	3.0	0.0	
RDG 11	DEVELOPMENTAL READING 1	3.0	0.0	3.0	0.0	
TOTAL		26	0	26.0	0.0	

TOTAL ACADEMIC UNIT(S): 26.0

Second Semester

ECO 11	PRINCIPLES OF ECONOMICS	3.0	0.0	3.0	0.0	
ENG 12	COMMUNICATION ARTS 2	3.0	0.0	3.0	0.0	ENG 11
FIL 12	PAGBASA AT PAGSULAT TUNGO SA PANANALIKSIK	3.0	0.0	3.0	0.0	FIL 11
HST 11	PHILIPPINE HISTORY	3.0	0.0	3.0	0.0	
MTH 12	COLLEGE ALGEBRA	3.0	0.0	3.0	0.0	
NSC 12	INTRODUCTION TO BIOLOGICAL SCIENCE (HIV/AIDS EDUCATION)	3.0	0.0	3.0	0.0	
NSTP 12	NATIONAL SERVICE TRAINING PROGRAM 2	3.0	0.0	3.0	0.0	NSTP 11
PE 12	RHYTHMIC ACTIVITIES	2.0	0.0	2.0	0.0	PE 11
RDG 12	DEVELOPMENTAL READING 2	3.0	0.0	3.0	0.0	
TOTAL		26	0	26.0	0.0	

TOTAL ACADEMIC UNIT(S): 26.0

SUMMER

ENG 14	MODERN COMMUNICATION/EFFECTIVE WRITING	3.0	0.0	3.0	0.0	ENG 12
FIL 13	MASINING NA PAGPAPAHAYAG	3.0	0.0	3.0	0.0	FIL 11, FIL 12
MTH 13	CONTEMPORARY MATHEMATICS	3.0	0.0	3.0	0.0	
TOTAL		9	0	9.0	0.0	

TOTAL ACADEMIC UNIT(S): 9.0

Second Year

First Semester

CSC 11	FUNDAMENTALS OF COMPUTER	3.0	0.0	3.0	0.0	
ENG 15	PHILIPPINE LITERATURE	3.0	0.0	3.0	0.0	
FS 16	FIELD STUDY 6	1.0	0.0	1.0	0.0	
HUM 11	ART APPRECIATION	3.0	0.0	3.0	0.0	
MATH 201	ADVANCE ALGEBRA	3.0	0.0	3.0	0.0	
NSC 11	EARTH AND LIFE SCIENCE	3.0	0.0	3.0	0.0	
PE 13	INDIVIDUAL AND DUAL SPORTS/GAMES	2.0	0.0	2.0	0.0	PE 12
PSC 12	PHILIPPINE GOVERNMENT AND NEW CONSTITUTION	3.0	0.0	3.0	0.0	
SOC 13	CONTEMPORARY SOCIAL PROBLEMS AND CURRENT ISSUES	3.0	0.0	3.0	0.0	
TP 11	TEACHING PROFESSION	3.0	0.0	3.0	0.0	
TOTAL		27	0	27.0	0.0	

TOTAL ACADEMIC UNIT(S): 27.0

Second Semester

CAD 21	CHILD AND ADOLESCENT DEVELOPMENT	3.0	0.0	3.0	0.0	
CD 11	CURRICULUM DEVELOPMENT	3.0	0.0	3.0	0.0	
ENG 22	SPEECH AND ORAL COMMUNICATION	3.0	0.0	3.0	0.0	
ENG 31	WORLD LITERATURE	3.0	0.0	3.0	0.0	
FS 11	FIELD STUDY 1	1.0	0.0	1.0	0.0	
FS 14	FIELD STUDY 4	1.0	0.0	1.0	0.0	
MATH 221	ELEMENTARY STATISTICS	3.0	0.0	3.0	0.0	

MATH 222	PLANE GEOMETRY	3.0	0.0	3.0	0.0
MATH 223	TRIGONOMETRY	3.0	0.0	3.0	0.0
PE 14	TEAM SPORTS	2.0	0.0	2.0	0.0

PE 13

TOTAL 25 0 25.0 0.0

TOTAL ACADEMIC UNIT(S): 25.0

SUMMER

ED TECH 1	EDUCATIONAL TECHNOLOGY 1	3.0	0.0	3.0	0.0
ICT 11	INFORMATION COMMUNICATIONS TECHNOLOGY	3.0	0.0	3.0	0.0
SOC 14	LIFE AND WORKS OF RIZAL	3.0	0.0	3.0	0.0

TOTAL 9 0 9.0 0.0

TOTAL ACADEMIC UNIT(S): 9.0

Third Year

First Semester

AL 1	ASSESSMENT OF LEARNING 1	3.0	0.0	3.0	0.0
ED TECH 2	EDUCATIONAL TECHNOLOGY 2	3.0	0.0	3.0	0.0
EDUC 20	PRINCIPLES OF TEACHING 1	3.0	0.0	3.0	0.0
FL 10	FACILITATING LEARNING	3.0	0.0	3.0	0.0
FS 13	FIELD STUDY 3	1.0	0.0	1.0	0.0
MATH 311	ADV STATISTICS	3.0	0.0	3.0	0.0
MATH 312	SEMINAR ON TECH IN MATH	3.0	0.0	3.0	0.0
MATH 313	SOLID GEOMETRY	3.0	0.0	3.0	0.0
RES 11	PRINCIPLES AND METHODS OF RESEARCH	3.0	0.0	3.0	0.0

TOTAL 25 0 25.0 0.0

TOTAL ACADEMIC UNIT(S): 25.0

Second Semester

AL 2	ASSESSMENT OF LEARNING 2	3.0	0.0	3.0	0.0
EDUC 21	PRINCIPLES OF TEACHING 2	3.0	0.0	3.0	0.0
FS 12	FIELD STUDY 2	1.0	0.0	1.0	0.0
FS 15	FIELD STUDY 5	1.0	0.0	1.0	0.0
MATH 321	NUMBER THEORY	3.0	0.0	3.0	0.0
MATH 322	SEMINAR IN PROBLEM SOLVING IN MATHEMATICS	3.0	0.0	3.0	0.0
MATH 323	ANALYTIC GEOMETRY	3.0	0.0	3.0	0.0
MATH 324	ABSTRACT ALGEBRA	3.0	0.0	3.0	0.0
MATH 325	LINEAR ALGEBRA	3.0	0.0	3.0	0.0
SDE 10	SOCIAL DIMENSIONS OF EDUCATION	3.0	0.0	3.0	0.0

TOTAL 26 0 26.0 0.0

TOTAL ACADEMIC UNIT(S): 26.0

SUMMER

MATH 331	ACTION RESEARCH IN MATH EDUCATION	3.0	0.0	3.0	0.0
MATH 332	CALCULUS 1	3.0	0.0	3.0	0.0
MATH 333	MODERN GEOMETRY	3.0	0.0	3.0	0.0

TOTAL 9 0 9.0 0.0

TOTAL ACADEMIC UNIT(S): 9.0

Fourth Year

First Semester

EDUC 32A	INTEGRATED GENERAL EDUCATION	3.0	0.0	3.0	0.0
EDUC 32B	INTEGRATED PROFESSIONAL EDUCATION	3.0	0.0	3.0	0.0
EDUC 32C(For BSED)	INTEGRATED SUBJECT AREAS	3.0	0.0	3.0	0.0
MATH 411	CALCULUS II	3.0	0.0	3.0	0.0
MATH 412	PROBABILITY	3.0	0.0	3.0	0.0
MATH 413	MATHEMATICAL INVESTIGATION AND MODELING	3.0	0.0	3.0	0.0
MATH 414	INSTRUMENTATION IN MATH	3.0	0.0	3.0	0.0
MATH 415	HISTORY OF MATHEMATICS	3.0	0.0	3.0	0.0

TOTAL 24 0 24.0 0.0

TOTAL ACADEMIC UNIT(S): 24.0

Second Semester

EDUC 34	PRACTICE TEACHING - HIGH SCHOOL	6.0	0.0	6.0	0.0
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TOTAL 6 0 6.0 0.0

TOTAL ACADEMIC UNIT(S): 6.0

Total academic units for course Bachelor of Secondary Education: 212.0 ,Lecture Unit = 212.0, Lab Unit=0.0