



Bachelor of Secondary Education Major in Math

PROGRAM CURRICULUM

PROGRAM: *Bachelor of Secondary Education Major in Math*

HEAD/COORDINATOR: IRENE O. BAYALAN, MAEd

About: The Bachelor of Secondary Education major in Mathematics (**BSEd. Math**) program, as part of the CMO (Commission on Higher Education Memorandum) Series of 2017, is a teacher education program designed to equip future educators with the necessary knowledge, skills, and pedagogical techniques to effectively teach mathematics at the secondary level (Grades 7-12).

COLLEGE LEVEL: *First Year*

SUBJECTS/COURSES

First Semester		Second Semester	
RELS1001	Christian Formation	RELS1002	Christian Ethics
NSTP1001	National Service Training Program 1	GNED1002	Understanding the Self
PHED1001	PE 1: Physical Activity Towards Health and Fitness 1 (PATHFit 1) Movement Competency Training	EDUC1201	Building and Enhancing New Literacies Across the Curriculum
GNED1001	Mathematics in the Modern World	EDUC1202	The Teacher and the School Curriculum
EDUC 1101	The Teaching Profession	EDUC1203	Foundation of Special and Inclusive Education
EDUC1102	Facilitating Learner Centered Teaching	EDSM1201	History of Mathematics
EDUC1103	Technology for Teaching and Learning 1	NSTP1002	National Service Training Program 2
EDUC1104	The Child and Adolescent Learner and Learning Principles	PHED1002	PE 2: Physical Activity Towards Health and Fitness 2 (PATHFit 2) : Exercise-based Fitness Activities
GNED 1010	Living in the IT Era	GNED1004	Science, Technology & Society
	Total Units: 26		Total Units: 26



COLLEGE LEVEL: <i>Second Year</i>	
SUBJECTS/COURSES	
First Semester	Second Semester
GNE1003 The Contemporary World	GNE1005 Readings in Philippine History
GNE1009 Life and Works of Rizal	GNE1006 Purposive Communication
PHED1003 PATHFit 3: Physical Activity Toward Health and Fitness 3 Dual Sports and Group Exercise	GNE1008 Ethics
EDUC2101 Teaching in the Specialized Field	PHED1004 PATHFit 4: Physical Activity Towards Health and Fitness 4 Dance and Team Sports
EDSM2101 College and Advanced Algebra	EDSM2201 Trigonometry
EDSM3104 Elementary Statistics and Probability	EDSM2202 Calculus 1 with Analytic Geometry
EDSM2103 Logic and Set Theory	EDSM2203 Modern Geometry
ENGL1001 Philippine Popular Culture	EDSM2102 Plane and Solid Geometry
	GNE1007 Art Appreciation
Total Units: 26	Total Units: 27



COLLEGE LEVEL: *Third Year*

SUBJECTS/COURSES

First Semester	Second Semester
EDUC3101 Assessment of Learning 1	EDUC3201 Assessment of Learning 2
EDUC3102 The Teacher and the Community, School Culture and Org. Leadership	EDSM3201 TTL 2 – Instrumentation and Technology in Mathematics
EDSM3101 Number Theory	EDSM3202 Principles and Strategies of Teaching Mathematics
EDSM3102 Linear Algebra	EDSM3203 Abstract Algebra
EDSM3103 Calculus 2	EDSM3205 Research in Mathematics
EDSM3105 Problem Solving, Mathematical Investigation and Modelling	EDSM3206 Calculus 3
EDSM2204 Mathematics of Investment	EDSM4307 Advanced Statistics
EDUC3101 Assessment of Learning 1	EDUC4101 Field Study 1
	EDUC3201 Assessment of Learning 2
Total Units: 22	Total Units: 25



COLLEGE LEVEL: Fourth Year	
SUBJECTS/COURSES	
First Semester	Second Semester
EDSM3204 Assessment and Evaluation in Mathematics	EDUC4201 Teaching Internship
EDUC4102 Field Study 2	
EDUC4105 Course Audit (LET Review)	
Total Units: 9	Total Units: 6

COLLEGE OF EDUCATION is a service-oriented academic unit committed to the continuous pursuit of excellence in the development of Christian teachers and school managers.

VISION

The College of Education is a service – oriented academic unit which provides general education for the university. It is committed to the continued pursuit of excellence in teacher's training courses imbued with Christian ideals, values and traditions of Philippine life and culture sufficiently equipped with Christian leadership skills.

MISSION

Adherent to the belief in the inherent dignity of a person and committed to the development of the total person, the College of Education and its competent and highly qualified faculty and staff are committed to provide excellent and quality education.

OBJECTIVES

The College of Education aims to develop graduates who are:

professionally competent;

responsive and sensitive to the needs and aspirations of a humane and democratic society;

imbued with the spirit of scientific inquiry; committed to serving God, country, and people.

potential leaders in answer to the needs of Christian leadership in their chosen profession.

technologically competent