

ADMISSION REQUIREMENTS

1. Grade 12 Graduate must have a general weighted average of 80% or better.
2. For currently enrolled Grade 12 student, a GWA of 80% or better from your Grade 11 courses is required.
3. Transferees must have a general weighted average of 80% or better in all courses finished from last school attended.
4. Shifters must have a general weighted average of 80% or better in all courses taken from last degree enrolled.

RETENTION REQUIREMENTS

1. A student with at least 1 failing grade in the previous term shall be on probation status.
2. A student with any academic deficiency during the previous term shall not be allowed to enroll in the next term until a consultation with the student, the parent/guardian, and a representative of the Mathematics Department. Each case shall be considered on its merits.

EXAMINATION

The schedule for the midterm and final examination is prepared by the Office of the University Registrar. This is posted one week before the exam.

GRADING SYSTEM

1.00-1.25	Excellent
1.50-1.75	Very Good
2.00-2.25	Good
2.50-2.75	Fair
3.00	Passing

SPECIFIC PROFESSIONS/CAREERS/OCCUPATIONS OR TRADES FOR BS MATH GRADUATES -CMO 48, S.'17

1. Programmers
2. Analysts
3. Teachers
4. Data Processing Consultants
5. Statisticians
6. Researchers
7. Bank Personnel
8. Entrepreneurs
9. Business Consultants



FACULTY MEMBERS

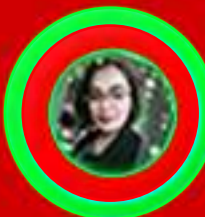
MONICA S. ALIMONDO
Assistant Professor 3
PhD in Science Education (Mathematics) | DLSU | 2019
MA Mathematics | BSU | 2008
BS Mathematics | BSU | 2002
College Extension Coordinator



SERANO L. ORYAN
Professor 6
PhD Science Education (Mathematics) | DLSU | 2005
MA Mathematics | 1997
BSE Mathematics | BCF | 1988
Department Treasurer



JULIE A. BUASEN
Associate Professor 1
PhD Educational Management | BSU | 2013
MA Mathematics | BSU | 2009
BSE Mathematics | BSU | 2006
Department Extension Coordinator
Associate Dean | CNAS



PHIL S. OCAMPO
Assistant Professor 2
PhD Math Education | DMMSU | On-going
MA Mathematics | BSU | 2010
BS Physics-Mathematics | UP-Baguio | 1999
College Sports Coordinator



DANNI LOVEN A. FULWANI
Assistant Professor 1
PhD in Math Education | DMMSU | Dissertation
MA Mathematics | BSU | 2013
BSE Mathematics | BSU | 2010
College Socio-Cultural Coordinator



KENNETH B. PAKIPAC
Assistant Professor 1
PhD Educational Management | BSU | 2014
MA Mathematics | BSU | 2009
BSE Mathematics | BSU | 2002
College Graduate School Coordinator



CARMELO W. MADINNO
Associate Professor 2
PhD in Science Education (Mathematics) | DLSU | 2016
MA Mathematics | BSU | 2010
BSEd Mathematics | BSU | 2008
Department Chairperson



NICK W. SIBAEN
Instructor 1
MA Applied Statistics | BSU | 2019
MA Mathematics | BSU | 2016
BSE Mathematics | BSU | 2013
Department Research Coordinator
College Information Officer
CAS-Sg Adviser



Contact Information:

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 College of Numeracy and Applied Sciences



Bachelor of Science in MATHEMATICS



Why enroll BS Math in BSU?



BS Math is a CHED priority course.



It is a DOST priority course for scholarship grant.



Scholarship grants are available for students enrolled in BSU.



BSU students are entitled to FREE EDUCATION!

APPLY NOW and be PART of the awesome, fun, and exciting world of Mathematics, where infinite possibilities exist.

BSU VISION

BSU as an International Smart University engendering graduates to walk the intergenerational highways.

BSU MISSION

BSU cares to: Challenge Innovation, Advance Technology and Facilities, Revitalize Administration, Engender Partnership, and Serve Intergenerational Role.

BSU GOALS

Goal I: Challenge Innovation in the Four Fold Function of the University.

Goal II: Advance Technology and Facility by shaping the University become responsive to modern needs.

Goal III: Revitalize Administration by harmonizing performance monitoring, information, and reporting systems.

Goal IV: Engender Partnership by proactively strengthening linkage.

Goal V: Serve Intergenerational Role by revitalizing the Spiritual, Physical, Economical, Cultural, Intellectual, Emotional, and Social (S.P.E.C.I.E.S.) state.

CNAS GOALS

1. Promote programs that are responsive to the demands of time through innovative instructional practices in the field of Numeracy and Applied Sciences.
2. Establish and strengthen collaborative research and extension activities toward advancing technology for sustainable development.
3. Produce globally competitive graduates who are gender-sensitive and imbued with values toward cultural and environmental preservation.
4. Sustain and broaden local and international partnerships and linkages.

PROGRAM OBJETIVES

Students enrolled in this program shall:

1. Gain mastery in the core areas of Mathematics: Algebra, Analysis, and Geometry;
2. Demonstrate skills in pattern recognition, generalization, abstraction, and critical analysis and synthesis, problem-solving, and rigorous argument;
3. Develop an enhanced perception of the vitality and importance of Mathematics in the modern world including inter-relationships within math and its connection to other disciplines;
4. Appreciate the concept and role of proof and reasoning and demonstrate knowledge in reading and writing mathematical proofs;
5. Make and evaluate mathematical conjectures and arguments and validate their own mathematical thinking; and
6. Communicate mathematical ideas orally and in writing using clear and precise language.

THE BS MATHEMATICS PROGRAM CHED MEMORANDUM ORDER 48, S. 2017

	First Semester	Second Semester
First Year	Mathematics in the Modern World (3)	Understanding the Self (3)
	Purposive Communication (3)	Readings in the Philippine History (3)
	Environmental Science (3)	Art Appreciation (3)
	Fundamentals of Computing I (Lec) (3)	Calculus I (4)
	Fundamentals of Computing I (Lab) (1)	Logic and Set Theory (4)
	Fundamental Concepts of Math (3)	Recreational Activities (2)
	Combative Sports (2)	National Service Training Program (NSTP) II (3)
Second Year	National Service Training Program (NSTP) I (3)	
	Fundamentals of Computing II (Lec) (3)	Ethics (3)
	Fundamentals of Computing II (Lab) (1)	Calculus III (4)
	Elementary Number Theory (3)	Abstract Algebra I (3)
	Calculus II (4)	Linear Algebra (3)
	Mechanics (Lec) (3)	Principles of Genetics (Lec) (2)
	Mechanics (Lab) (1)	Principles of Genetics (Lab) (1)
Third Year	Reading Visual Art (3)	Team Sports (2)
	Rhythmic Activities (2)	(Free Elective 1) (3)
	Contemporary World (3)	Life and Works of Rizal (3)
	Advanced Calculus I (3)	Statistical Theory (3)
	Graph Theory and Applications (3)	Modern Geometry (3)
	Differential Equation I (3)	Mathematical Modeling (3)
	Probability (3)	Real Analysis (3)
Fourth Year	Foreign Language (3)	(Free Elective 2) (3)
	Science, Technology and Society (3)	The Entrepreneurial Mind (3)
	Operations Research 1 (3)	Qualified Elective/Cognate 2 (3)
	Complex Analysis (3)	Undergraduate Thesis 2 (3)
	Undergraduate Thesis 1 (3)	
	Undergraduate Seminar (1)	
	Qualified Elective/Cognate 1 (3)	
Total Units:145		*parenthesized are corresponding units

LIST OF QUALIFIED ELECTIVE/COGNATE SUBJECTS (6 UNITS)

1. Discrete Mathematics
2. History and Development of Fundamental Ideas in Math
3. Mathematical Finance
4. Partial Differential Equations
5. Projective Geometry
6. Theory of Interest
7. Linear Programming
8. Sampling Theory
9. Combinatorics
10. Operations Research 2
11. Topology
12. Abstract Algebra 2