

BS Applied Mathematics Curriculum Checklist

Course Code	Course Title	Extension-Related	Remark
GE01	Understanding the Self		
GE02	Readings in Philippine History		
GE03	The Contemporary World		
GE04	Math in the Modern World		
NSTP01	Civic Welfare Training Service 1/ Reserved Officers Training Corps 1	✓	Involves direct community service
PE01	PATHFit1: Movement Competency Training		
AMath04	Fundamentals of Computing 1		
AMath01	Calculus 1		
AMath07	Fundamental Concepts of Mathematics		
NSTP02	Civic Welfare Training Service 1/ Reserved Officers Training Corps 2	✓	Involves direct community service
PE02	PATHFit2: Exercise-based Fitness Activities		
AMath06	Abstract Algebra		
PhySci01 Lec	General Physics 1		
PhySci01 Lab	General Physics Lab 1		
GEMST01	Environmental Science	✓	Often involves sustainability and outreach
AMath05	Fundamentals of Computing 2		
AMath02	Calculus 2		
AMath09	Linear Algebra		
GEMST03	Living in the IT Era		
AMath03	Calculus 3		
PE03	PATHFit3: Menu of Dance, Sports, Martial Arts, Group Exercises, Outdoor and Adventure Activities		
GE05	Purposive Communication		
GE06	Art Appreciation		
GE07	Science, Technology and Society	✓	May involve community impact discussions

AMath10	Probability		
AMath11	Discrete Mathematics		
AMath12	Advanced Calculus 1		
AMath15	Operations Research 1	✓	Often involves applied decision-making for real-life systems
PE04	PATHFit4: Menu of Dance, Sports, Martial Arts, Group Exercises, Outdoor and Adventure Activities		
GE09	The Life and Works of Rizal		
AMathChem01	General Chemistry 1		
AMath08	Differential Equations 1		
AMath14	Numerical Analysis		
AMathElec01	Graph Theory and Applications		
AMathElec04	Applied Multivariate Analysis	✓	Can be used in applied community data
AMathElec02	Time Series Analysis		
AMathElec06	Free Elective 1		
GE08	Ethics		
AMathBioSci01	General Biology		
AMath17	Mathematical Modeling	✓	Often applied to real-life, community or public issues
AMathElec03	Real Analysis		
GEAH02	Philippine Popular Culture		
AMathElec07	Free Elective 2		
AMathUT01	Undergraduate Thesis 1	✓	Community-engaged research potential
AMath16	Theory of Interest		
AMath13	Statistical Theory		
AMathElec05	Mathematical Biology	✓	May involve public health or ecological issues
AMathUT02	Undergraduate Thesis 2	✓	Community-engaged research potential