BACHELOR OF SCIENCE IN APPLIED MATHEMATICS					
FIRST YEAR					
FIRST SEMESTER		**SECOND SEMESTER**		**MIDYEAR**	
AMAT 19. Finite Mathematics	3	MATH 37. Mathematical Analysis II	3		
MATH 36. Mathematical Analysis I	5	STAT 101. Statistical Methods	3		
BIO 11.1. Investigative Biology Laboratory	2	CHEM 18. University Chemistry	3		
KAS 1/HIST 1. Kasaysayan ng Pilipinas/Philippine History	3	CHEM 18.1. University Chemistry Laboratory	2		
ETHICS 1. Ethics and Moral Reasoning in Everyday	3	ARTS 1. Critical Perspectives in the Arts	3		
HK 11. Wellness and Basic Injury Management	(2)	GE Elective	3		
	16	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
			17		
SECOND YEAR					
FIRST SEMESTER		**SECOND SEMESTER**		**MIDYEAR**	
AMAT 110. Mathematical Modeling	3	AMAT 105. Matrices and Applications	3		
MATH 38. Mathematical Analysis III	5	AMAT 112. Introduction to Mathematical Optimization	3		
MATH 101. Logic and Set Theory	3	AMAT 152. Fundamentals of Mathematical Computing	3		
PHYS 51. Elements of Physics	4	AMAT 170. Theory of Interest	3		
PHYS 51.1. Elements of Physics Laboratory	1	STS 1. Science, Technology, and Society	3		
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)	GE Elective	3		
NSTP 1. National Training Service Program I	(3)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
	16	NSTP 2. National Training Service Program II	(3)		
			18		
THIRD YEAR					
FIRST SEMESTER		**SECOND SEMESTER**		**MIDYEAR**	
MATH 151. Ordinary Differential Equations	3	MATH 155. Advanced Calculus I	3	AMAT 198. Practicum	3
MATH 174. Numerical Analysis I	3	MATH 175. Numerical Analysis II	3		**3**
MATH 181. Introduction to Probability Theory	3	MATH 195. Research Methods in Mathematics	3		
Elective (AMAT/MATH)	3	Elective (AMAT/MATH)	3		
COMM 10. Critical Perspectives in Communication	3	COMA 150. Workplace Communication	3		
GE Elective	3		15		
	18				
FOURTH YEAR (THESIS OPTION)					
FIRST SEMESTER		**SECOND SEMESTER**		**MIDYEAR**	
AMAT 200. Undergraduate Thesis	3	AMAT 200. Undergraduate Thesis	3		
Elective (AMAT/MATH)	3	AMAT 199. Undergraduate Seminar	1		
PI 10. The Life and Works of Jose Rizal	3	Elective (AMAT/MATH)	3		
Elective	3	Elective	3		
Elective	3	Elective	3		
	15		13		
FOURTH YEAR (SPECIAL PROBLEM OPTION)					
FIRST SEMESTER		**SECOND SEMESTER**		**MIDYEAR**	
Elective (AMAT/MATH)	3	AMAT 190. Special Problems	3		
Elective (AMAT/MATH)	3	AMAT 199. Undergraduate Seminar	1		
PI 10. The Life and Works of Jose Rizal	3	Elective (AMAT/MATH)	3		
Elective	3	Elective	3		
Elective	3	Elective	3		
	15		13		

TOTAL UNITS   **131**

BS APPLIED MATHEMATICS				
Redesigned curriculum for remote learning from First Semester 2020-2021 to present				

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
AMAT 19. Finite Mathematics	3	MATH 37. Mathematical Analysis II	3		
MATH 36. Mathematical Analysis I	5	STAT 101. Statistical Methods	3		
CHEM 18. University Chemistry	3	BIO 11.1. Investigative Biology Laboratory	2		
KAS 1/HIST 1. Kasaysayan ng Pilipinas/Philippine History	3	CHEM 18.1. University Chemistry Laboratory	2		
ETHICS 1. Ethics and Moral Reasoning in Everyday Life	3	ARTS 1. Critical Perspectives in the Arts	3		
HK 11. Wellness and Basic Injury Management	(2)	GE Elective	3		
	17	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
			16		

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
AMAT 110. Mathematical Modeling	3	AMAT 105. Matrices and Applications	3		
MATH 38. Mathematical Analysis III	5	AMAT 112. Introduction to Mathematical Optimizatio	3		
MATH 101. Logic and Set Theory	3	AMAT 152. Fundamentals of Mathematical Computin	3		
PHYS 51. Elements of Physics	4	AMAT 170. Theory of Interest	3		
PHYS 51.1. Elements of Physics Laboratory	1	STS 1. Science, Technology, and Society	3		
HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)	GE Elective	3		
NSTP 1. National Training Service Program I	(3)	HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
	16	NSTP 2. National Training Service Program II	(3)		
			18		

THIRD YEAR

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 151. Ordinary Differential Equations	3	MATH 155. Advanced Calculus I	3	AMAT 198. Practicum	3
MATH 174. Numerical Analysis I	3	MATH 175. Numerical Analysis II	3		3
MATH 181. Introduction to Probability Theory	3	MATH 195. Research Methods in Mathematics	3		
Elective (AMAT/MATH)	3	Elective (AMAT/MATH)	3		
COMM 10. Critical Perspectives in Communication	3	COMA 150. Workplace Communication	3		
GE Elective	3		15		
	18				

FOURTH YEAR (THESIS OPTION)

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
AMAT 200. Undergraduate Thesis	3	AMAT 200. Undergraduate Thesis	3		
Elective (AMAT/MATH)	3	AMAT 199. Undergraduate Seminar	1		
PI 10. The Life and Works of Jose Rizal	3	Elective (AMAT/MATH)	3		
Elective	3	Elective	3		
Elective	3	Elective	3		
	15		13		

FOURTH YEAR (SPECIAL PROBLEM OPTION)

FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
Elective (AMAT/MATH)	3	AMAT 190. Special Problems	3		
Elective (AMAT/MATH)	3	AMAT 199. Undergraduate Seminar	1		
PI 10. The Life and Works of Jose Rizal	3	Elective (AMAT/MATH)	3		
Elective	3	Elective	3		
Elective	3	Elective	3		
	15		13		

TOTAL UNITS   131