

BACHELOR OF SCIENCE IN MATHEMATICS

FIRST YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 20. The Landscape of 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/PhilippineHistory	3	CHEM 18.1. University Chemistry Lab	3		
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		
		HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
	16		18		

SECOND YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 38. Mathematical Analysis III	5	MATH 103. Elementary Theory of Numbers	3		
MATH 101. Logic and Set Theory	3	MATH 138. Introductory Topology	3		
PHYS 51. Elements of Physics	4	MATH 141. Introductory Combinatorics	3		
PHYS 51.1. Elements of Physics Laboratory	1	AMAT 152. Fundamentals of Mathematical Computing	3		
GE Elective	3	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)		
		NSTP 2. National Training Service Program II	(3)		
	16		18		

THIRD YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 111. Modern Algebra I	3	MATH 120. Linear Algebra	3	MATH 198. Practicum	3
MATH 155. Advanced Calculus I	3	MATH 133. Euclidean and Non-Euclidean Geometry	3		3
MATH 195. Research Methods in Mathematics	3	MATH 151. Ordinary Differential Equations	3		
COMA 150. Workplace Communication	3	Major Elective	3		
COMM 10. Critical Perspectives in Communication	3	PI 10. The Life and Works of Jose Rizal	3		
Elective	3				
	18		15		

FOURTH YEAR (Thesis Option)					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 200. Undergraduate Thesis	3	MATH 200. Undergraduate Thesis	3		
MATH 135. Projective Geometry	3	MATH 192. Foundations of Mathematics	3		
MATH 165. Complex Analysis I	3	MATH 199. Undergraduate Seminar	1		
MATH 181. Introduction to Probability Theory	3	Elective	3		
Major Elective	3	Elective	3		
	15		13		

FOURTH YEAR (Special Problem Option)					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 135. Projective Geometry	3	MATH 190. Special Problems	3		
MATH 165. Complex Analysis I	3	MATH 192. Foundations of Mathematics	3		
MATH 181. Introduction to Probability Theory	3	MATH 199. Undergraduate Seminar	1		
Major Elective	3	Major Elective	3		
Elective	3	Elective	3		
	15		13		

TOTAL UNITS **131**

BACHELOR OF SCIENCE IN MATHEMATICS
Redesigned curriculum for remote learning from First Semester 2020-2021 to present

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MATH 20. The Landscape of 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 Lab	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		
		HK 12/13. Human Kinetics Activities/Advanced Human Kinetics Activities	(2)		
	16		18		

SECOND YEAR					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 38. Mathematical Analysis III	5	MATH 103. Elementary Theory of Numbers	3		
MATH 101. Logic and Set Theory	3	MATH 138. Introductory Topology	3		
PHYS 51. Elements of Physics	4	MATH 141. Introductory Combinatorics	3		
PHYS 51.1. Elements of Physics Laboratory	1	AMAT 152. Fundamentals of Mathematical Computing	3		
GE Elective	3	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)		
		NSTP 2. National Training Service Program II	(3)		
	16		18		

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FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 111. Modern Algebra I	3	MATH 120. Linear Algebra	3	MATH 198. Practicum	3
MATH 155. Advanced Calculus I	3	MATH 133. Euclidean and Non-Euclidean Geometry	3		3
MATH 195. Research Methods in Mathematics	3	MATH 151. Ordinary Differential Equations	3		
PI 10. The Life and Works of Jose Rizal	3	MATH Major Elective	3		
COMM 10. Critical Perspectives in Communication	3	COMA 150. Workplace Communication	3		
Major Elective	3				
	18		15		

FOURTH YEAR (Thesis Option)					
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MATH 135. Projective Geometry	3	MATH 192. Foundations of Mathematics	3		
MATH 165. Complex Analysis I	3	MATH 199. Undergraduate Seminar	1		
MATH 181. Introduction to Probability Theory	3	Elective	3		
Major Elective	3	Elective	3		
	15		13		

FOURTH YEAR (Special Problem Option)					
FIRST SEMESTER		SECOND SEMESTER		MIDYEAR	
MATH 135. Projective Geometry	3	MATH 190. Special Problems	3		
MATH 165. Complex Analysis I	3	MATH 192. Foundations of Mathematics	3		
MATH 181. Introduction to Probability Theory	3	MATH 199. Undergraduate Seminar	1		
Major Elective	3	Major Elective	3		
Elective	3	Elective	3		
	15		13		

TOTAL UNITS **131**