

Bachelor of Science in Mathematics w/Specialization in Computer Application

First Trimester, AY 2018-2019				
Course Code	Course Title	Units	Prerequisite	
BASMATH	Foundation Course in Mathematics	5		
BASSTAT	Foundation Course in Statistics	3		
GEARTAP	Art Appreciation	3		
FUNDBIO	Fundamentals of Biology	3		
SAS1000	Student Affairs Services 1000	0		
LCLSONE	Lasallian Studies 1	(1)		
LASARE1	Lasallian Recollection 1	0		
NSTP101	National Service Training Program-General Orientation	0		
Total Units				14(1)

First Trimester, AY 2019-2020				
Course Code	Course Title	Units	Prerequisite	
GEFLI2	Mga Usaping Pang-wika sa Iba't ibang Larangan	3		
GESPORT	Physical Fitness and Wellness in Individual/ Dual Sports	2		
CCPROG3	Programming with Structured data Analysis	3	MTPROG2	
CCINFOM	Information Management	3	MTPROG2	
MTH203A	Mathematical Analysis 3	5	MTH202A	
LCLSTWO	Lasallian Studies 2	(1)		
LASARE2	Lasallian Recollection 2	0		
NSTPCWZ/ LTZ/ RO2	CWTS Community Service Phase/ ROTC Military Science 2: Service Oriented Module	(3)		
Total Units				16(4)

First Trimester, AY 2020-2021				
Course Code	Course Title	Units	Prerequisite	
MTH225A	Graph Theory	3	MTH221A	
GEETHIC	Ethics	3		
MTH224A	Abstract Algebra 2	3	MTH223A	
MTH241A	Differential Equations	3	MTH203A	
MTH243A	Complex Analysis	3	MTH203A	
LCLSTRI	Lasallian Studies 3	(1)		
LASARE3	Lasallian Recollection 3	0		
Total Units				15(1)

First Trimester, AY 2021-2022				
Course Code	Course Title	Units	Prerequisite	
LLENWRD	Encountering the Word in the World	3		
CCAPDEV	Web Application Development	3	CCPROG3	
MTH230A	Modern Geometry	3	MTH221A, MTH223A	
CSMODEL	Statistical Modeling and Simulation	3	MTH221A, STT141A	
MTH422A	Thesis Writing 1	2		
MTH421A	Mathematics Seminar	1		
Total Units				15

Second Trimester, AY 2018-2019				
Course Code	Course Title	Units	Prerequisite	
GEMATMW	Mathematics in the Modern World	3		
GEFTWEL	Physical Fitness and Wellness	2		
DECSAT	Exploratory Data Analysis	3		
MATH121	Mathematical Analysis 1	5	BASMATH	
INTOSET	Introduction to Set Theory	3		
MTPROG1	Computational Thinking in Python	3		
Total Units				19

Second Trimester, AY 2019-2020				
Course Code	Course Title	Units	Prerequisite	
GEPCOMM	Purposive Communication	3		
GETEAMS	Physical Fitness and Wellness in Team Sports	2		
CCDSALG	Data Structures and Algorithms	3	MTPROG2	
MTH223A	Abstract Algebra 1	3	INTOSET	
MTH257A	Statistical Theory 1	3	INTOSET, MTH202A	
MTH221A	Linear Algebra	3	MTH202A	
Total Units				17

Second Trimester, AY 2020-2021				
Course Code	Course Title	Units	Prerequisite	
GERIZAL	Life and Works of Rizal	3		
GESISOC	Science, Technology, and the Society	3		
DATAPRE	Data Integration and Preparation	3	CCINFOM, CCNTSYS	
CSALGCM	Algorithms and Complexity	3	CCDSALG	
STT141A	Linear Models	3	MTH258A, MTH221A	
Total Units				15

Second Trimester, AY 2021-2022				
Course Code	Course Title	Units	Prerequisite	
MTH411A	Practicum	3		
MTH423A	Thesis Writing 2	3	MTH422A	
Total Units				6

TO THE STUDENT: Please take note that subjects should not be enrolled without passing their respective pre-requisite. Be reminded that subjects taken without having passed the pre-requisites will be INVALIDATED. Subjects without pre-requisite can be taken in any term. Please be guided accordingly. Thank you.


Academic Units **173**
Non-Academic Units **9**
Total Units **182**

Third Trimester, AY 2018-2019				
Course Code	Course Title	Units	Prerequisite	
GEFLI1	Introduksyon sa Filipino/lohiya	3		
GEDANCE	Physical Fitness and Wellness in Dance	2		
MTH202A	Mathematical Analysis 2	5	MATH121	
MTH220A	Number Theory	3	INTOSET	
MTPROG2	Advanced Programming in Python	3	MTPROG1	
NSTPCWZ/ LTZ/ RO1	CWTS Formation Phase / Military Science 1: ROTC Common Module	(3)		
Total Units				16(3)

Third Trimester, AY 2019-2020				
Course Code	Course Title	Units	Prerequisite	
LCAFAITH	Faith Worth Living	3		
GEUSELF	Understanding the Self	3		
CSINTSY	Introduction to Artificial Intelligence	3	INTOSET	
MTH258A	Statistical Theory 2	3	MTH257A	
PHYMT01	Physics Fundamentals(ec)	3	BASMATH, LBYPH01 (c)	
LBYPH01	Physics Fundamentals(lab)	1	PHYMT01 (c)	
Total Units				16

Third Trimester, AY 2020-2021				
Course Code	Course Title	Units	Prerequisite	
GEUTPH	Literatures of the Philippines	3		
MTH242A	Numerical Analysis	3	MTH221A	
MTH245A	Advanced Calculus	3	MTH203A	
DATANVI	Data Analysis & Visualization	3	DATAPRE	
MTH253A	Operations Research 1	3	MTH221A	
Total Units				15

Third Trimester, AY 2021-2022				
Course Code	Course Title	Units	Prerequisite	
GERPHIS	Readings in Philippine History	3		
GEWORLD	The Contemporary World	3		
LCASEAN	The Filipino and ASEAN	3		
Total Units				9


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