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03 July 2023

IMPLEMENTATION ORDER
No. 18, Series of 2023

To : Vice-President for Academic Affairs
Director, Curriculum & Instruction
Head, Program Accreditation Recognition and Certification (PARC)
Campus Directors
University Registrar
Campus Registrars Concerned
Concerned College Deans

Subject: Approval of the Bachelor of Science in Mathematics curriculum revisions by the Board of Regents

1. The URS Board of Regents during its 77th Regular Meeting held on 26 June 2023 at the CHED Executive Conference Room, HEDC Building, C.P. Garcia Avenue, UP Diliman, Quezon City approved the Bachelor of Science in Mathematics curriculum revisions.
2. Attached herewith is the revised curriculum for your ready reference.
3. For information and proper guidance.

NANCY T. PASCUAL, Ed.D.,RGC
President



BACHELOR OF SCIENCE IN MATHEMATICS
Revised Curriculum based on CMO No. 48, s. 2017 & CMO 39, s. 2021
BOR Resolution No. 25, Series of 2023

First Year – First Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC1	Fundamental Concepts of Math	3		3	
CC2	Calculus I	4		4	
Math 1	Mathematics in the Modern World	3		3	
Eng 1	Purposive Communication	3		3	
GE Elec1	Living in the IT Era	3		3	
PATHFit 1	Movement Competency Training	2		2	
NSTP 1	National Service and Training Program 1	3		3	
Total		21		21	

First Year – Second Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC3	Calculus II	4		4	CC2
CC4	Fundamentals of Computing 1	3		3	
History 1	Readings in Philippine History	3		3	
Hum 1	Art Appreciation	3		3	
Self 1	Understanding Self	3		3	
PATHFit 2	Exercise-based Fitness Activities	2		2	PATHFit 1
NSTP 2	National Service and Training Program 2	3		3	NSTP 1
Total		21		21	

Second Year – First Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC5	Calculus III	4		4	CC3
CC6	Abstract Algebra I	3		3	CC4
NFC 1	General Physics I (Mechanics)	4		4	
NFC 2	Biology (with or without Laboratory)	3		3	
GE Elec 2	Modern Statistics with Computer Application	3		3	
PATHFit 3	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2		2	PATHFit 1 & 2
Total		19		19	



Jovine Krisell L. Cuevas
JOVINE KRISSELL L. CUEVAS
Education Supervisor II
CHEDRO IV

05/16/2023



Republic of the Philippines
UNIVERSITY OF RIZAL SYSTEM
Province of Rizal

Second Year – Second Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC7	Advanced Calculus I	3		3	CC5
CC8	Linear Algebra	3		3	CC6
CC9	Probability	3		3	CC5
NFC 3	General Chemistry (with or without laboratory)	3		3	
Ethics	Ethics	3		3	
GE Elec 3	Entrepreneurial Mind	3		3	
PATHFit 4	Menu of Dance, Sports, Group Exercise, Outdoor and Adventure Activities	2		2	PATHFit 1 & 2
Total		20		20	

Third Year – First Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC10	Advanced Course in Analysis or Algebra	3		3	CC5
CC11	Differential Equation I	3		3	CC5
ME 1	Math Elective 1	3		3	
CC12	Statistical Theory	3		3	CC4, CC5
CW 1	Contemporary World	3		3	
QE1	Qualified Elective/Cognate1	3		3	CC5
Total		18		18	

Third Year – Second Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC13	Modern Geometry	3		3	CC6, CC8
CC14	Topology or Elementary Number Theory	3		3	CC7
CC15	Numerical Analysis or Mathematical Modelling	3		3	CC8, CC11
ME 2	Math Elective 2	3		3	
Rizal	Life and Works of National Hero Dr. Jose Rizal	3		3	
FE1	Free Elective 1	3		3	
Total		18		18	



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Fourth Year – First Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
CC16	Complex Analysis	3		3	CC7
ME 3	Math Elective 3	3		3	
FE 2	Free Elective 2	3		3	FE1
Thesis or SP	Thesis or Special Problem	3		3	
Sci & Tech 1	Science, Technology and Society	3		3	
QE2	Qualified Elective/Cognate 2	3		3	
Total		18		18	

Fourth Year – Second Semester

Course Code	Descriptive Title	Lecture Hrs/wk	Lab/Hrs/wk	Units	Pre-requisite
Practicum	Job Immersion	240 hrs		3	
Total					



[Signature] 05/16/2023
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SUMMARY

	CHED	Existing Curriculum	Proposed Curriculum
I. General Education Curriculum (GEC)	36	45	36
II. Core Courses (CC)	51	51	51
III. Non-Math Foundation (NFC)	10	10	10
IV. Electives			
Math Electives (ME)	9	9	9
Qualified Elective/Cognates (QEC)	6	6	6
Free Elective (FE)	6	6	6
Thesis	3	6	3
Practicum		3	3
Mandated			
Rizal		3	
PATHFit	8	8	8
NSTP	6	6	6
Total	135	153	138