



Republic of the Philippines
UNIVERSITY OF RIZAL SYSTEM
 Province of Rizal

BACHELOR OF SCIENCE IN MATHEMATICS
 Proposed Revised Curriculum based on CMO 48, s. 2017
 BOR Resolution No. 062-671-18

First Year – First Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
Eng. 1	Purposive Communication	3	3	
Fil 1	Pag-aaral ng Diskurso sa Filipino	3	3	
Hist 1	Readings in Philippine History	3	3	
Math 1	Mathematics in the Modern World	3	3	
GE Elec 1	Living in the IT Era	3	3	
Hum 1	Art Appreciation	3	3	
Self 1	Understanding the self	3	3	
P.E 1	Physical Fitness	2	2	
NSTP 1	National Service Training Program	3	3	
TOTAL			26	

First Year – Second Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
CW1	The Contemporary World	3	3	
Fil 2	Perspektibong Historikal ng Panitikan sa Pilipinas	3	3	
Rizal	Life and Works of National Hero Dr. Jose Rizal	3	3	
GE Elec 2	Gender and Society	3	3	
GE Elec 3	The Entrepreneurial Mind	3	3	
Ethics	Ethics	3	3	
Sci, Tech & Society	Science Technology and Society	3	3	
P.E 2	Rhythmic Activities	2	2	
NSTP 2	National Service Training Program	3	3	
TOTAL			26	

Second Year – First Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
NFC 1	General Physics 1	3/3	4	
NFC 2	Biology	3	3	
CC 1	Fundamental Concepts of Math	3	3	
CC 2	Calculus I	4	4	
CC 3	Fundamentals of Computing 1	3	3	
Eng 2	English Language Enhancement Course	3	3	
PE 3	Individual/Dual Sports	2	2	
TOTAL		22	22	

Second Year – Second Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
NFC 3	Modern Statistics with Computer Applications	3	3	
CC 4	Abstract Algebra	3	3	CC1
CC 5	Calculus II	4	4	CC2
CC 6	Linear Algebra	3	3	CC1, CC4
ME 1	Math Elective 1	3	3	
Lit 2	Readings on World's Literary Masterpieces	3	3	
P.E 4	Team Sports	2	2	
TOTAL			21	



Third Year – First Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
CC 7	Calculus III	4	4	CC5
CC 8	Modern Geometry	3	3	CC4,CC6
ME 2	Math Elective 2	3	3	
FE 1	Free Elective 1	3	3	
QEC 1	Qualified Elective/Cognate 1	3	3	
QEC 2	Qualified Elective/Cognate 2	3	3	
TOTAL			19	

Third Year – Second Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
CC 9	Advanced Calculus I	3	3	CC7
CC 10	Differential Equation	3	3	CC7
CC 11	Statistical Theory	3	3	CC1,CC7
CC 12	Probability	3	3	CC7
ME 3	Math Elective 3	3	3	
Research 1	Seminar on Thesis Writing	3	3	
TOTAL			18	

Fourth Year – First Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
CC 13	Advanced Course in Algebra/Analysis	3	3	CC4/CC9
CC 14	Complex Analysis	3	3	CC9
CC 15	Numerical Analysis/Mathematical Modeling	3	3	CC3,CC6, CC10
CC 16	Topology/Elementary Number Theory	3	3	CC9/CC1
FE 2	Free Elective 2	3	3	
Res 2	Thesis Writing	3	3	Research 1
TOTAL			18	

Fourth Year – Second Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	No. of Unit & Hours	Pre- Requisite/ Co requisite
Practicum	Job Immersion	240	3	
TOTAL			3	

SUMMARY

	Proposed Curriculum Revision
I. General Education Curriculum (GEC)	45
II. Core Courses (CC)	51
III. Non-Math Foundational	10
IV. Electives	
Math Electives (ME)	9
Qualified Elective/Cognates (QEC)	6
Free Elective (FE)	6
Thesis	6
Practicum	3
Mandated	
Rizal	3
PE	8
NSTP	6
TOTAL	153



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