

**DEPARTMENT OF MATHEMATICS AND STATISTICS, COLLEGE OF SCIENCE**  
**Degree of BACHELOR of ARTS with a Major in MATHEMATICS**  
**APPLIED MATHEMATICS OPTION**  
**Field of Concentration Requirements**

Total Credits Required for Graduation: 128

Total Credits Required in Field of Concentration: 60

\_\_\_\_\_  
 Name of Student

\_\_\_\_\_  
 R-NUMBER

\_\_\_\_\_  
 Year of Catalog

Required Courses:

Course	Title	Credits	Completed
Math 181	Calculus I	4	
Math 182	Calculus II	4	
Math 283	Calculus III	4	
Math 285	Differential Equations	3	
Math 310	Analysis I	3	
Math 311	Analysis II	3	
Math 330	Linear Algebra I	3	
Math 420	Mathematical Modeling	3	
Math 461	Probability Theory	3	
Math 488	Partial Diff Equations	3	

*Required Total:*      33

FIELD of CONCENTRATION SUBSTITUTIONS: Give number, title, and credits for each course for which a substitution is to be made and for the corresponding course which is to be substituted. In case a substituted course is a transfer course from another school, give the name of the school

One quantitative course (at least 3 cr) 300 or above in a department outside mathematics. This course may be from the minor.

Course: \_\_\_\_\_ Credits: \_\_\_\_\_

*Mathematics or Statistics elective courses numbered above 300 except Math/Stat 352: (6 credits)*


*Electives Total:*      6

*Mathematics Total:*      42

Extra Social Science:

Extra Humanities:

Foreign Language:

*In addition to the required Mathematics courses, Students must complete 18 - 21 credits in a minor or a group of related courses approved by advisor and department.*

Minor Department:


**Approval Signatures:**

**Student:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Advisor:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Chair:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Dean:** \_\_\_\_\_ **Date:** \_\_\_\_\_