



## BAKER UNIVERSITY MAJOR CHECKLIST

### MATHEMATICS

B.A. or B.S.

#### MAJOR REQUIREMENTS

#### COURSES COMPLETED OR IN PROGRESS

##### **CORE COURSES: (23 HRS)**

- MA171 Calculus I (4 hrs)
- MA172 Calculus II (4 hrs)
- MA271 Calculus III (4 hrs)
- MA281 Introduction to Linear Algebra (4 hrs)
- MA291 Introduction to Higher Mathematics (3 hrs)
- MA345 Problem Seminar in Mathematics (1 hr)
- MA445 Senior Seminar in Mathematics (3 hrs)

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##### **ONE COURSE FROM THE FOLLOWING: (3 HRS)**

- MA362 Modern Geometries
- MA383 Introduction to Modern Algebra
- MA491 Introduction to Real Analysis

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##### **9 ADDITIONAL HOURS CHOSEN FROM THE FOLLOWING:**

- MA355, MA359, MA361, MA362, MA372, MA383, MA385, MA472, MA491, MA493, MA495

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##### **B.A. SUPPORTING COURSEWORK:**

Four courses selected from  
 CH137 or above; CS175 or above; PC225 or above

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##### **B.S. SUPPORTING COURSEWORK (Choose one option)**

###### **OPTION 1:**

CS175 Intro to Computer Science  
 PC225 General Physics I  
 Two Courses Selected from:  
 CH137 or above; CS175 or above; PC225 or above

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###### **OPTION 2:**

AC141 Introduction to Financial Accounting  
 BS356 Quantitative Methods of Decision Making  
 BS381 Corporate Finance  
 EC242 Principles of Economics: Micro  
 EC243 Principles of Economics: Macro  
 EC346 Managerial Economics  
 EC400 Applied Econometrics

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STUDENT NAME: \_\_\_\_\_

STUDENT ID: \_\_\_\_\_

DATE: \_\_\_\_\_