

**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 of the following options:**

**OPTION 1:**

- CS175 Intro to Computer Science
- PC225 General Physics I

2 ADDITIONAL COURSES IN:

- Chemistry (137 & above) **OR**
- Computer Science (above 175) **OR**
- Physics (above 225)

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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: \_\_\_\_\_