BACHELOR OF SCIENCE - MATHEMATICAL SCIENCES
BUSINESS ADMINISTRATION MINOR
2024 -2025

Foundations for Success[1]		5 courses
FDS100	Falcon Discovery Seminar	3 cr.
CS100	Solving Business Problems with Information Technology	3 cr.
MA131 or 131L	Calculus I	3 cr.
EMS101, 101L or 102, 102L	Critical Reading and Writing	3 cr.
EMS104 or EMS105	Multimodal Communication	3 cr.

MAJOR: Mathematical Sciences[1,2]		9 courses
MA139 or MA139L	Calculus II or Calculus II with Lab	3 cr.
MA214	Intermediate Applied Statistics	3 cr.
MA233	Calculus III	3 cr.
MA239	Linear Algebra	3 cr.
MA252	Regression Analysis	3 cr.
MA263	Continuous Probability for Risk Management	3 cr.
MA	MA Elective[3]	3 cr.
MA	MA Elective[3]	3 cr.
MA	MA Elective[3]	3 cr.

Business Dynamics[1,5,6]		6 courses
LA100	Business Law	3 cr.
EC111	Principles of Microeconomics	3 cr.
ST113	Business Statistics	3 cr.
AC115	Financial Reporting and Analysis	3 cr.
MG116	Human Dynamics in Organizations	3 cr.
FI118	Introduction to Finance	3 cr.

The Business Environment
No Requirements

For the most up-to-date requirements, please refer to your Degreeworks Audit.

Context & Perspectives[1]		6 courses
See notes on page two		
Institutions and Power		
		3 cr.
Values, Ethics and Society		
		3 cr.
Scientific Inquiry		
		3 cr.
Race, Gender and Inequality		
		3 cr.
Culture, Change, and Behavior		
		3 cr.
Globalization		
		3 cr.

Elective Requirements[4]		14 courses
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.
	Unrestricted Elective	3 cr.

Intensive Requirements
Communication

Notes:

BENTLEY UNIVERSITY

Mathematical Sciences major prerequisite structure:

MA131 or MA131L is a prerequisite course for this major.	
MA139 or MA139L	MA131 or MA131L
MA214	ST113
MA233	MA139 or MA139L
MA239	MA139 or MA139L
MA252	MA 139 or MA139L and MA 214
MA263	ST113 and MA233
MA Electives	Vary by course

Footnotes:

[1] These courses may not be taken as Pass/Fail.

[2] Students are urged to meet with the faculty mentor for the major on a regular basis before registering for their math requirements.

[3] Select three additional 200-level or higher mathematical sciences electives that create an area of specialty.

[4] The Electives Guidelines are available in the Academic Catalogue.

[5] These courses comprise the Business Administration Minor.

[6] These courses along with the following courses: EC112, AC215, MG215, MK250, CS305, MG300, and MG313 are required to complete the Business Administration Major.

Additional Notes:

Context & Perspectives
Students must take 1 course in each of the 6 themes of Context and Perspectives. Courses are unique to each theme; no course can satisfy more than one theme.   **No more than two (2) courses may be taken from any one academic department**, including departments with two or more course designators, for example, Natural and Applied Sciences (NAS, PSY).   **Any number of courses** can be shared with majors or minors, but a single course cannot count for both a major and a minor. Additionally, a single course may not count in more than one minor.   - Courses that satisfy the Contexts & Perspective requirements **may not satisfy any of the required Arts and Science electives.**   - Context and Perspective courses **may count for the Modern Language requirement for BA majors.**   - Context and Perspective courses **may not count for Arts and Science or Unrestricted electives for both BA and BS majors.**
Course Sharing Rules
Up to three courses may be shared across different majors.   **No courses** may be shared between any major and any minor.   **No courses** may be shared between any minors.   **A single course** of any kind can be shared up to three times: - Example 1: If a student has three majors, a single course can count for all three majors.   - Example 2: If a student has two majors, a single course could count for a Context & Perspectives course and both majors.