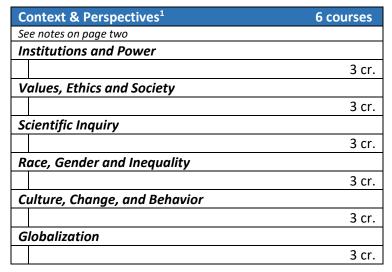
Foundations for Success <sup>1</sup>		5 courses	
	FDS100	Falcon Discovery Seminar	3 cr.
	CS100	Solving Business Problems with	n 3 cr.
		Information Technology	
	MA131	Mathematical Science	3 cr.
	or 131L		
	EMS101, 101L	Critical Reading and Writing	3 cr.
	or 102, 102L		
	EMS104 or	Multimodal Communication	3 cr.
	EMS105		

MAJOR: Data Analytics <sup>1,2</sup>		8 courses	
	MA214	Intermediate Applied Statistic	3 cr.
	MA252	Regression Analysis	3 cr.
	MA255	Design of Experiments	3 cr.
	CS230	Intro. to Programming with Pythor	n 3 cr.
	CS350	Database Management Systems	3 cr.
	MA346	Data Science	3 cr.
	MA347	Data Mining	3 cr.
	MA380	Intro. to Generalized Linear Model	s 3 cr.
		and Survival Analysis in Business	

Business Dynamics <sup>1,4,5</sup>		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.



Elective Requirements <sup>3</sup> 15 courses		
Unrestricted Elective	3 cr.	

lr	Intensive Requirements	
	Communication	

**Notes:** 

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BENTLEY
<b>UNIVERSITY</b>

August 2024

## **Pre- and Corequisite structure:**

MA131 or MA131L is a prerequisite course for this major.	
MA214	ST113
MA252	MA131 or MA131L and MA 214
MA255	MA252
CS230	CS100
CS350	CS150 or CS160 (AC340 for AIS/ITAC majors & MA346 for Data Analytics major/Data Technology minors)
MA346	ST113 & CS230
MA347	MA252
MA380	MA252

#### **Footnotes:**

#### **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:
  - o 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.

<sup>&</sup>lt;sup>1</sup>These courses may not be taken as Pass/Fail.

<sup>&</sup>lt;sup>2</sup> Students are urged to meet with the faculty mentor for the major on a regular basis before registering for their math requirements.

<sup>&</sup>lt;sup>3</sup> The Electives Guidelines are available in the Academic Catalogue.

<sup>&</sup>lt;sup>4</sup>These courses comprise the Business Administration Minor.

<sup>&</sup>lt;sup>5</sup> These courses along with the following courses: EC112, AC215, MG215, MK250, CS305, MG300, and MG313 are required to complete the Business Administration Major.