

MINOR IN APPLIED STATISTICS

Students choosing the minor will be able to translate problem statements into mathematical formulations and apply appropriate statistical techniques to solve data-oriented problems. Using leading computer language, such as Python, students will analyze and process data.

Prerequisite Courses

Course	Title	Credits
MA 131	Calculus I	3
or MA 131L	Calculus I with Lab	
MA 139	Calculus II	3
or MA 139L	Calculus II with Lab	

Program Requirements

Course	Title	Credits
Program Requirements		
MA 214	Intermediate Applied Statistics	3
MA 252	Regression Analysis	3
Choose two from the following:		6
MA 255	Design of Experiments	
MA 347	Data Mining	
MA 380	Introduction to Generalized Linear Models and Survival Analysis in Business	
EC 483	Applied Econometrics	

Policies Related to Minors

- Some major/minor/major combinations are prohibited. See the major/minor/major exclusions list (catalog.bentley.edu/undergraduate/degree-requirements/major-minor-exclusions/) for more information.
- Courses taken to fulfill a minor can be applied as arts and sciences electives, unrestricted electives or Context and Perspectives courses. Courses fulfilling Business Dynamics or Business Environment requirements can only apply to the Business Administration minor.
- Courses fulfilling Foundations for Success requirements may not be applied to a minor.
- The electives guide (catalog.bentley.edu/undergraduate/degree-requirements/elective-guide/) defines all classes designated as Arts and Sciences and Business. A business course can apply to an unrestricted elective requirement but cannot serve as an arts and science elective. Students are strongly encouraged to maintain an awareness of where courses taken for a minor apply to their degree requirements.
- Courses used to fulfill the modern language requirement for BA students cannot be applied to a minor.
- A course taken under the Pass/Fail/D policy may be applied to the minor.
- Major courses (including courses applied to the Business Administration major) may not be applied to a minor.
- Students may apply only one course not taken at Bentley (from sources such as transfer, IB, AP, course away, non-Bentley study abroad program, etc.) to the minor.
- **Students may only complete a maximum of three minors including the required Business Administration minor.**

- A single course may only apply to one minor.
- To be awarded a minor, students must achieve a minimum cumulative GPA of 2.0 in the minor. See the exception for the Business Administration Minor below.
- A minor may not be declared after a student has been awarded their bachelor's degree.
- Please note: some courses have prerequisites that must be completed before beginning the minor and some minor requirements/electives have prerequisites that must be completed.

Policy on Business Administration Minor

All students will automatically be enrolled in a Business Administration minor. In order to graduate with a designated minor, a student must earn a 2.00 GPA for the courses comprising the minor. All Bentley students are required to successfully complete the courses for the Business Administration minor (grade of D- or above), no matter what major(s) they select, as part of their requirements. Students who pass the required courses for the Business Administration minor, but do not meet the minimum required 2.00 GPA, will have the minor removed as a program of study prior to being awarded an undergraduate degree.