

MINOR IN BUSINESS ANALYTICS (FOR BBA AND BSAF STUDENTS)

Overview

Minor Area of Specialization in Business Analytics for BBA and BSAF Students (STEM)

Miami Herbert Business School BBA and BSAF students who choose the minor area of specialization in Business Analytics are trained to combine quantitative, statistical, and computational tools and techniques to help companies understand, predict, and act on large amounts of data, improving decision-making in increasingly complex and interconnected business environments.

Curriculum Requirements

The 12-credit-hour minor in Business Analytics for BBA and BSAF students consists of the following:

Code	Title	Credit Hours
Required Courses ¹		
MAS 332	Data Acquisition, Preparation and Visualization ²	3
MAS 342	Introduction to Optimization and Decision Making ²	3
MAS 432	Data Analysis ³	3
Choice Courses for the Minor		
Select one course (3 credit hours) from the following:		3
BTE 320	Python Programming: Fundamentals and Algorithms	
BTE 423	Database Management Systems	
MAS 548	Machine Learning for Analytics	
MAS 549	Big Data Analytics	
Total Credit Hours		12

¹ All courses must be taken within the current pre-requisite structure. In order to declare this minor, students will need to have earned a minimum 3.6 average for MTH 161, MAS 201, and MAS 202.

² offered in fall semester

³ offered in spring semester

* **Note:** All specific coursework for the minor in Business Analytics must be completed with a grade of "C-" or better. In addition, a minimum cumulative GPA of 2.5 is required for all specific coursework taken in the minor area of specialization. No course may double count in any other major, minor, or cognate.