PART-TIME BUSINESS ANALYTICS COURSE CHART

MASTER’S DEGREE CORE / CERTIFICATE COURSES (REQUIRED)

Data and Decisions  
Data Management and Visual Analytics  
Data Programming in R or Data Programming in Python  
Advanced Analytics*  
Data Science*

MASTER’S DEGREE ELECTIVES (4 REQUIRED)

Analytics Electives

- Agile Project Management (8-week course)
- Applied Optimization*
- Big Data Management and Analytics*

Cybersecurity

- Data Leadership and Management
- Data Programming in Python
- Data Programming in R

Forecasting*

- Financial Analytics*
- Healthcare Analytics*
- Information Visualization

Leam Process Improvement* (1-week course)

- People Analytics
- Social Analytics*
- Text Analytics*

Business Electives Sample - Optional**

- Corporate Financial Reporting
- Entrepreneurship & Innovation
- Improvements in Technology: Virtual Reality

Managerial Finance*

- Managing the Growth Business
- Marketing Management

Operations & Supply Chain

- Project Management
- Strategic Management of Tech & Innovation

MASTER’S DEGREE EXPERIENCE PROJECT (REQUIRED)

Analytics Experience §

SESSION TIMING

If you are a joint degree student, or were a Business Fundamentals
Certificate or Iowa MBA student prior to enrolling in a Business Analytics
Master’s or Certificate Program, please contact your advisor to determine
how the previous coursework impacts your plan of study.

* Indicates course requires prerequisite.

** Up to 2 of the 4 required electives can be Business electives. The eligible
courses each semester will be noted on the the course schedule found at
tippie.uiowa.edu. (Beginning Fall 2022, all Iowa MBA courses (with the
exception of Business Integration) will be available to MSBA students as long
as prerequisites are met.)

§ Analytics Experience requires all Master’s Core Courses plus one Master’s
elective.

♦ Business electives are generally offered in an 8-week (or 4-week winter
session) format.