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*

Electives (4 Required)
- Cybersecurity
  - Data Leadership and Management
  - Data Programming in Python

- Forecasting*
  - Healthcare Analytics*
  - Information Visualization

- People Analytics
  - Social Analytics*
  - Text Analytics*

8-week Business Electives Sample - Optional**
- Corporate Financial Reporting
- Entrepreneurship & Innovation
- Innovations in Technology: Virtual Reality
- Managerial Finance*
- Managing the Growth Business
- Operations & Supply Chain
- Project Management
- Strategic Management of Change
- Strategic Management of Tech & Innovation

MASTER’S DEGREE EXPERIENCE PROJECT (REQUIRED)
- Analytics Experience §

SESSION TIMING

Winter Session (4 wks)
- Spring Session 1 (8 wks)
- Summer Session (8 wks)
- Fall Session 1 (8 wks)

Spring Session 2 (8 wks)
- Spring Session 3 (8 wks)
- Summer Session (11 wks)
- Fall Session 1 (11 wks)

Summer Session (11 wks)
- Fall Session 1 (11 wks)
- Fall Session 2 (8 wks)

Fall Session 1 (11 wks)
- Fall Session 2 (8 wks)

If you are a dual degree student, or were an 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. Beginning Fall 2022, all Iowa MBA courses (except 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.