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

- Lean Process Improvement*
  - (1-week course)
  - People Analytics
  - Social Analytics*
  - Text Analytics*

ELECTIVES (4 REQUIRED)

- Business Electives Sample - Optional**
  - Corporate Financial Reporting
  - Entrepreneurship & Innovation
  - Innovations 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

- Winter Session (4 wks)
- Spring Session 1 (11 wks)
- Summer Session (11 wks)
- Fall Session 1 (11 wks)

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

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 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.