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
- Applied Optimization*
- Big Data Management and Analytics*

Data Management and Visual Analytics

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

Advanced Analytics* and Visual Analytics

- Forecasting*
- Financial Analytics*
- Healthcare Analytics*
- Information Visualization

Lean Process Improvement*

- Social Analytics*
- Supply Chain Analytics*
- Text Analytics*

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 (9 weeks)
- Spring Session 1 (11 weeks)
- Summer Session (11 weeks)
- Fall Session 1 (11 weeks)
- Spring Session 2 (formerly intersession) (5 - 8 weeks)
- Fall Session 2 (formerly intersession) (5 - 8 weeks)

WINTER SPRING SUMMER FALL

If you are a joint degree student, or were a PreMBA or 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 downloadable version of the semester schedule found at tippie.uiowa.edu. Additional electives can be viewed in the online catalog.

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

♦ Business electives are offered during these accelerated sessions.