

# PART-TIME BUSINESS ANALYTICS COURSE CHART (EFFECTIVE FALL 2024)

**MASTER'S DEGREE: 6 CORE COURSES REQUIRED**  
**CERTIFICATE: 5 CORE COURSES REQUIRED**

<b>MBA:8150 Data &amp; Decisions</b>
<b>BAIS:6040 Data Programming in Python</b>
<b>BAIS:6050 Data Management</b>

<b>BAIS:9110 Advanced Analytics</b> <i>(MBA:8150 or BAIS:9100)</i>
<b>BAIS:6070 Data Science</b> <i>(MBA:8150 or BAIS:9100) and BAIS:6040)</i>
<b>BAIS:6140 Visual Analytics</b> <i>(Master's degree course)</i>

## MASTER'S DEGREE ELECTIVES (CHOOSE 4)

Up to 2 of the 4 required electives can be business electives delivered through the Iowa MBA Program.  
All MBA courses (except capstone options) are available as long as prerequisites are met.

### ANALYTICS

- BAIS:9140 Agile Project Management
- BAIS:6250 Applied Deep Learning *(MBA: 8150 or BAIS:9100), BAIS:6040, BAIS:6070)*
- BAIS:6130 Applied Optimization *(MBA:8150 or BAIS:9100) and BAIS:6040)*
- BAIS:6280 Cybersecurity
- BAIS:6210 Data Leadership & Management
- BAIS:6260 Generative AI *(MBA:8150 or BAIS:9100), BAIS:6040, BAIS:6070, BAIS:6250)*
- MGMT:9170 Human Resources Analytics *(MBA:8150 or BAIS:9100)*
- MKTG:9310 Marketing Analytics *(MBA:8150)*
- FIN:9160 Quantitative Finance and Machine Learning
- BAIS:6105 Social Analytics *(BAIS:6040 and BAIS:6070)*
- BAIS:6100 Text Analytics *(BAIS:6040 and BAIS:6070)*
- BAIS:6240 Value Creation Using AI

*Courses inside parentheses indicates prerequisite(s) required.*

*Effective Fall 2025 and beyond: Analytics Experience will no longer be offered or required. If you completed Analytics Experience before Fall 2025, it will count toward your degree requirements. For information about your course plan, please [contact your advising team](#).*

*Resources: [course descriptions](#), [current schedule of courses](#), & [syllabus archive](#) (HawkID and password needed to access the archive).*

### BUSINESS (SAMPLE)

- MBA:8140 Corporate Financial Reporting
- ENTR:9300 Design Thinking *(This course will no longer be offered after Spring 2026.)*
- ENTR:9100 Entrepreneurship & Innovation
- MBA:8180 Managerial Finance
- MBA:8240 Operations & Supply Chain
- MGMT:9185 Project Management
- [MBA:8500 Seminar in International Business - GLO](#) *(partially in-person at international location)*
- MGMT:9130 Strategic Management of Change
- ENTR:9450 Strategic Management of Tech & Innovation

## PROGRAM TIMING

