## Master’s Degree Core / Certificate Courses (5 Required)

<table>
<thead>
<tr>
<th>Data and Decisions</th>
<th>Data Programming in Python</th>
<th>Data Science*</th>
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<tbody>
<tr>
<td>Data Management &amp; Visual Analytics</td>
<td>Advanced Analytics*</td>
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*Prerequisites for Analytics Experience course are all the core courses plus one elective*

### Analytics Electives (Choose 4)

- Agile Project Management
- Big Data Management & Analytics*
- Cybersecurity
- Data Leadership & Management
- Data Analysis with R (formerly Data Programming in R)
- Information Visualization
- Marketing Analytics*
- People Analytics
- Social Analytics*
- Text Analytics*

### Business (Sample)

- Corporate Financial Reporting
- Entrepreneurship & Innovation
- Innovations in Technology: Virtual Reality
- Managerial Finance
- Operations & Supply Chain Management
- Project Management
- Strategic Management of Change
- Strategic Management of Tech & Innovation

### Program Timing

- **JAN**: 4 Week Session
- **FEB**: 8 Week Session
- **MAR**: 8 Week Session
- **APR**: 8 Week Session
- **MAY**: 8 Week Session
- **JUN**: 8 Week Session
- **JUL**: 8 Week Session
- **AUG**: 8 Week Session
- **SEP**: 8 Week Session
- **OCT**: 8 Week Session
- **NOV**: 8 Week Session
- **DEC**: 8 Week Session

*Indicates prerequisite(s) required.

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

*Note: Business electives delivered through the Iowa MBA Program are generally offered in an 8-week (or 4-week winter session) format.*