**MS – Business Analytics typical schedules, assuming all BBK program prerequisites are already fulfilled**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Summer Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full-Time Study</strong> One Year</td>
<td><strong>Part-Time Study</strong> Two Years (Typically Though Not Always)</td>
<td><strong>Part-Time Study</strong> Two Years (Typically Though Not Always)</td>
</tr>
<tr>
<td><strong>BANA 7030 (3cr)</strong> Simulation Modeling &amp; Methods</td>
<td><strong>BANA 7046 (2cr)</strong> Data Mining I</td>
<td><strong>BANA 8083 (1cr) - MS Capstone</strong> or <strong>BANA 8084 (1cr) – MS Capstone (Intern)</strong></td>
</tr>
<tr>
<td><strong>BANA 7031 (4cr)</strong> Probability Modeling</td>
<td><strong>BANA 7042 (2cr)</strong> Stat. Modeling</td>
<td></td>
</tr>
<tr>
<td><strong>BANA 7041 (4cr)</strong> Statistical Methods</td>
<td><strong>BANA 7020 (3cr)</strong> Optimization</td>
<td></td>
</tr>
<tr>
<td><strong>BANA 6043 (2cr)</strong> Stat. Computing</td>
<td>5-8 credits of electives, heeding course prerequisites. Possibly finish and graduate.</td>
<td><strong>Possible electives, depending on course offerings</strong></td>
</tr>
<tr>
<td><strong>IS 6030 (2cr)</strong> Data Management</td>
<td><strong>BANA 8083 (1cr) - MS Capstone</strong></td>
<td><strong>BANA 8083 (1cr) - MS Capstone</strong></td>
</tr>
</tbody>
</table>

Possible 3 credits of electives

**Possible electives, depending on course offerings**

**BANA 8083 (1cr) - MS Capstone** or **BANA 8084 (1cr) – MS Capstone (Intern)**

*BANA 8083 should be taken in the semester in which the student will graduate. BANA 8084 – MS Capstone (Intern) should be taken in place of BANA 8083 if an internship will be used for the Capstone.*

*BANA 8083 should be taken in the semester in which the student will graduate. BANA 8084 – MS Capstone (Intern) should be taken in place of BANA 8083 if an internship will be used for the Capstone.*

33 credits total

Required core BANA courses – 25 total credits (24 credits formal coursework plus 1 credit BANA 8083 capstone)

Electives – 8 total credits, at least 4 of which must be BANA-prefixed courses at the 6000 level or above. All electives must be approved by the Academic Director.
<table>
<thead>
<tr>
<th>BANA</th>
<th>Non-BANA</th>
</tr>
</thead>
</table>
| BANA 6037 (2cr)  
Data Visualization | CS 6065 (3cr)  
Cloud Computing |
| BANA 7044 (2cr)  
Introduction to Excel VBA | ECON 8021 (2cr)  
Micro. Theory Topics |
| BANA 7035 (2cr)  
Simulation Analysis | FIN 7045 (3cr)  
Portfolio Management |
| BANA 7045 (2cr)  
Design of Experiments | IS 7012 (2cr)  
Web Development with .Net |
| BANA 7048 (2cr)  
Multivariate Statistical Methods | IS 7034 (2cr)  
Business Intelligence |
| BANA 7050 (2cr)  
Forecasting and Time Series Methods | IS 7036 (2cr)  
Advanced Business Intelligence |
| BANA 7095 (2cr)  
Graduate Case Studies in Business Analytics | IS 8060 (2cr)  
IT Auditing |
| BANA 8090 - Special Topics in Business Analytics | MKT 7012 (4cr)  
Marketing Research for Managers |
| | OM 7061 (2cr)  
Managing Project Operations |
| | OM 7071 (2cr)  
Quality and High Performance Organizations |
| | OM 7083 (2cr)  
Supply Chain Strategy and Analysis |