

# M.S. in Business Analytics

## Academic Curriculum

Course Number	Core Courses				Credits
SCH-MGMT 518	Career & Professional Development Workshop <i>(should be taken in your first semester)</i>				1
SCH-MGMT 601	Data Management for Business Leaders				3
SCH-MGMT 602	Business Intelligence and Analytics				3
SCH-MGMT 609	Business Application Development (Python)				3
SCH-MGMT 650	Business Statistics <i>(must be taken before 641, 655)</i>				3
SCH-MGMT 655	Data Mining in Business				3
SCH-MGMT 656	Project Management				3
Required Track Courses Business Foundations Track		Credits	Required Track Courses Data Analytics Track		Credits
SCH-MGMT 633	Financial & Managerial Accounting <i>(must be taken before 641)</i>	4	SCH-MGMT 657	Data Science for Business	3
SCH-MGMT 641	Fundamental Principles of Finance	3	SCH-MGMT	Analytics Elective <i>(choose from list below)</i>	3
SCH-MGMT 660 or 653 (Newton)	Marketing Strategy or Marketing Research & Analytics (Newton)	3	SCH-MGMT	Analytics Elective <i>(choose from list below)</i>	3
SCH-MGMT 680	Leadership & Organizational Behavior	3	SCH-MGMT	Analytics Elective <i>(choose from list below)</i>	3
<b>TOTAL DEGREE CREDITS**</b>		<b>32*</b>	<b>TOTAL DEGREE CREDITS**</b>		<b>31*</b>
<b>Analytics Electives Possible Options (subject to change)</b> <i>Review Course Descriptions and Offering Schedule on the <a href="#">MSBA Curriculum Page</a></i>					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>657 Data Science for Business - <i>required for DA track</i> (3)</p> <p>654 Advanced Financial Technologies (3)</p> <p>623 Cybersecurity Risk Management (3)</p> <p>661 Applications of Artificial Intelligence in Business (3)</p> <p>653 Marketing Research &amp; Analytics (3)</p> <p>663 Supply Chain Analytics (3)</p> <p>665 Data Visualization in Business (3)</p> <p>662 Web Analytics in Digital Marketing (3)</p> </div> <div style="width: 45%;"> <p>658 Mastering Agile Scrum (3)</p> <p>659 Project Tools, Teams &amp; Technologies (3)</p> <p>671 Sports Analytics (3)</p> <p>688 Survey Development &amp; Analysis (1)</p> <p>669 Analytics in Social Media (1)</p> <p>667 Salesforce for Marketing &amp; Sales (1)</p> <p>771 Forecasting &amp; Futuring (1)</p> </div> </div>					
Optional Focus in Advanced Analytics					Credits
Choose 9 credits of the above analytics electives (in addition to core requirements and required track courses)					9
<b>TOTAL DEGREE CREDITS with Optional Focus**</b>					<b>41/40*</b>
<p>* International students choosing to pursue CPT (Curricular Practical Training) will have an additional 1-credit independent study added to each semester they will be working at same tuition rate per credit.</p> <p>**An overall 3.0 GPA must be maintained and required to graduate.</p>					