

# ACCELERATED MS IN BUSINESS ANALYTICS & BA IN FINANCE

The Accelerated Master's in Business Analytics provides skills to make strategic, data-driven decisions within organizations. Students will explore analytical methods and tools to understand, interpret, and apply data to complex, real-world problems, while honing leadership skills critical in today's global business environment. The program is designed to be completed in five academic years (10 semesters), plus one summer, and allows the student to earn both a Bachelor of Arts (BA) with a major in Finance and a Master of Science (MS) in Business Analytics. Students apply to the accelerated program during the fall of their junior year, ensuring completion of the program during their senior year of undergraduate and just one year for the remaining graduate coursework.

The requirements for the **Accelerated Master's in Business Analytics & BA in Finance** are as follows:

Code	Title	Hours
<b>Finance Courses - Undergraduate</b>		
<b>Required Supporting Courses</b>		
DATA 200	Introduction to Data Analytics	4
MATH 121	Calculus I	4
<b>Foundation Courses</b>		
BUS 201	Principles of Global Economics	4
BUS 210	Ethics and Leadership	4
BUSN 305	Introduction to Business Law	3
ACCT 255	Principles of Financial Acctg	4
ACCT 256	Principles of Managerial Acctg	4
<b>Business Core Courses</b>		
FIN 303	Corporate Finance	3
BUSN 315	Management Information Systems	3
BUSN 320	Business Statistics	3
BUSN 339	Principles of Management and Leadership	3
BUSN 351	Principles of Mktg and Sales	3
<b>Finance Courses</b>		
FIN 304	Equity Analysis	3
FIN 403	Int'l Financial Management	3
FIN 404	Portfolio Construction & Management	3
FIN 405	Fixed Income Analysis	3
FIN 420	Intermediate Corporate Finance	3
Select 6 credits from the following:		6
ACCT 355	Intermediate Accounting I <sup>1</sup>	
BUSN 302	Intermediate Macroeconomic Theory	
BUSN 495	Business Analysis and Strategic Management	
FIN 300	May Seminar	
FIN 386	Business & Commerce Abroad	
FIN 390	Academic Internship	
FIN 407	Financial Statement Analysis & Business Valuation	
FIN 408	Hedging & Risk Management	
FIN 410	Management of Financial Institutions	

## Recommended supporting courses (but not required)

COM 305	Business and Professional Speaking
COM 312	Interpersonal Communication
COM 314	Group Communication and Team Building
ENG 316	Business Writing
ENG 324	Technical Writing
ENG 371	Editing and Grammar for Professionals

**Total Hours** 63

<sup>1</sup> It is recommended that students take the MATH class prior to economics and accounting courses

Code	Title	Hours
<b>Business Analytics Courses - Graduate</b>		
DATA 600	Data Analysis & Visualization	3
BUSN 668	Advanced Leadership	3
DATA 665	Advanced Operations Management/Research	3
DATA 685	Integrative Capstone Experience I	3
DATA 686	Integrative Capstone Experience II	3
20 Credits in the following:		20
ACCT 626	Cost Accounting	
ACCT 680	Special Topics	
BUSN 662	Leadership: Theory and Application	
BUSN 680	Special Topics	
DATA 608	Statistics & Research Analysis	
DATA 617	Forecasting	
DATA 618	Data Mining	
DATA 680	Special Topics	
FIN 603	Corporate Finance	
FIN 680	Special Topics	
MATH 680	Special Topics	
SCM 610	Supply Chain and Risk Management	
<b>Total Hours</b>		<b>35</b>

## Suggested Four-Year Plan

The five-year plan detailed below is a suggested coursework sequence. This plan may need to be adapted based on course offerings as well as individual student circumstances, such as transfer credit and study away experiences.

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
FYS 110	Engaged Citizenship Seminar	4
ENG 110 or COM 110	Writing to Engage or Communicating to Engage	4
BUS 201	Principles of Global Economics	4
World Language I		4
WELL 110	Engaging in Lifelong Wellness	1
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
MATH 121	Calculus I	4
BUS 210	Ethics and Leadership	4
COM 110 or ENG 110	Communicating to Engage or Writing to Engage	4
World Language II		4

WELL 111	Engaging in a Balanced Life	1
<b>Hours</b>		<b>17</b>
<b>Second Year</b>		
<b>Fall</b>		
ACCT 255	Principles of Financial Acctg	4
REL 200	Christianity and Religious Diversity	4
Core Exploration - Natural Science		4
Core Exploration - Arts		4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ACCT 256	Principles of Managerial Acctg	4
FIN 303	Corporate Finance	3
BUSN 305	Introduction to Business Law	3
BUSN 320	Business Statistics	3
Core Exploration - Humanities		4
<b>Hours</b>		<b>17</b>
<b>Third Year</b>		
<b>Fall</b>		
BUSN 339	Principles of Management and Leadership	3
BUSN 351	Principles of Mktg and Sales	3
DATA 200	Introduction to Data Analytics	4
FIN 403	Int'l Financial Management	3
Core Exploration - Social Science		4
PEAK 400	PEAK	0
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
BUSN 315	Management Information Systems	3
FIN 304	Equity Analysis	3
Religion 300 J Core Course		4
Finance Elective		3
Critical Issues Course		4
<b>Hours</b>		<b>17</b>
<b>Fourth Year</b>		
<b>Fall</b>		
FIN 404	Portfolio Construction & Management	3
FIN 405	Fixed Income Analysis	3
Course-Based PEAK		4
DATA 600	Data Analysis & Visualization	3
SCM 635	Operations Management/Research	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
FIN 420	Intermediate Corporate Finance	3
Finance Elective		3
Elective Course		3-4
DATA 665	Advanced Operations Management/Research	3
SCM 610	Supply Chain and Risk Management	3
<b>Hours</b>		<b>15-16</b>
<b>Summer</b>		
Special Topics		3
DATA 608	Statistics & Research Analysis	3-4
<b>Hours</b>		<b>6-7</b>
<b>Professional Program</b>		
<b>Fall</b>		
DATA 617	Forecasting	3
BUSN 668	Advanced Leadership	3
DATA 685	Integrative Capstone Experience I	3
<b>Hours</b>		<b>9</b>
<b>Spring</b>		
DATA 618	Data Mining	3
DATA Elective		3

DATA 686	Integrative Capstone Experience II	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>156-158</b>