

M.S. in Business Analytics Academic Curriculum

Course Number	Core Courses				Credits
SCH-MGMT 518	Career & Professional Development for Analytics (must be taken in your first semester)				1
SCH-MGMT 601	Data Management for Bus Leaders				3
SCH-MGMT 602	Business Intelligence and Analytics				3
SCH-MGMT 609	Business Appl Development (Python)				3
SCH-MGMT 650	Business Statistics (<i>pre-requisite for 641 and 655</i>)				3
SCH-MGMT 655	Data Mining in Business				3
SCH-MGMT 656	Project Management				3
Required Electives Business Foundations Track		Credits	Required Electives Data Analytics Track		Credits
SCH-MGMT 633	Financial & Managerial Accounting	4	SCH-MGMT 657	Data Science for Business	3
SCH-MGMT 641	Fundamentals of Financial Mgmt	3	SCH-MGMT	Analytics Elective*	3
SCH-MGMT 660	Marketing Strategy	3	SCH-MGMT	Analytics Elective*	3
SCH-MGMT 680	Organizational Behavior & Leadership	3	SCH-MGMT	Analytics Elective*	3
TOTAL DEGREE CREDITS**		32	TOTAL DEGREE CREDITS**		31
Optional Focus in Advanced Analytics:					9
<i>Choose 9 credits of the following analytics electives (in addition to core requirements and required electives)</i>					
Course Number	*Analytics Electives (subject to change)				Credits
SCH-MGMT 657	Data Science for Business				3
SCH-MGMT 654	Advanced Financial Technologies				3
SCH-MGMT 623	Cybersecurity Risk Management				3
SCH-MGMT 690AI	Applications of Artificial Intelligence in Business				3
SCH-MGMT 653	Marketing Research & Analytics				3
SCH-MGMT 663	Supply Chain Analytics				3
SCH-MGMT 690DV	Data Visualization in Business				3
SCH-MGMT 662	Web Analytics/Digital Marketing				3
SCH-MGMT 690SA	Sports Analytics				3
SCH-MGMT 787	Survey Development & Analysis				1
SCH-MGMT 669	Analytics in Social Media				1
SCH-MGMT 667	Salesforce for Marketing & Sales				1
SCH-MGMT 771	Forecasting & Futuring				1
TOTAL DEGREE CREDITS with Focus**					41/40
Optional Concentration in Field Experience (CPT)					1-4*
<i>* 1 credit field experience independent study will be added to each semester that you will be working at same tuition rate.</i>					
**An overall 3.0 GPA must be maintained and required to graduate.					

Mt. Ida (Newton) Sample Plans
(subject to change based on scheduling needs)

Degree Plan Considerations:

- Domestic students must be enrolled in at least 6 credits per semester to be eligible for Financial Aid loans
- International students must be enrolled in at least 9 credits in Fall and Spring semesters to maintain full-time status (6 in-person credits required).
- International students can be less than full-time in their final semester as long as they are in at least one in-person course.
- International students may apply for CPT after the completion of their first term/completion of two of the following: 601, 602, 609
- Alternate Degree Plans should be discussed with academic advisor

Business Foundations Track

	Summer Start	Fall Start
No Spring Start	Summer (OL)	Fall
	518 Career & Professional Development (OL) 1	518 Career & Professional Development (OL) 1
	601 Data Management for Business Leaders (OL) 3	601 Data Management for Business Leaders (OL) 3
	609 Business Application Development (OL) 3	602 Business Intelligence & Analytics 3
		650 Statistics for Business 3
	Fall	656 Project Management 3
	602 Business Intelligence & Analytics 3	
	650 Statistics for Business 3	Winter
	656 Project Management 3	<i>Optional Online term</i>
	633 Financial & Managerial Accounting (OL) 4	Spring
	655 Data Mining in Business 3	
Winter	In-Person Analytics Elective 3	
680 Leadership & Org Behavior (OL) 3	633 Financial & Managerial Accounting (OL) 4	
	641 Fundamentals of Financial Mgmt (OL) 3	
Spring	Summer	
655 Data Mining in Business 3	609 Business Application Development (OL) 3	
In-Person Analytics Elective 3	680 Leadership & Organizational Behavior 3	
641 Fundamentals of Financial Mgmt (OL) 3		
Total Credits	32	Total Credits

Data Analytics Track

	Summer Start	Fall Start
No Spring Start	Summer (OL)	Fall
	518 Career & Professional Development (OL) 1	518 Career & Professional Development (OL) 1
	601 Data Management for Business Leaders (OL) 3	602 Business Intelligence & Analytics 3
	609 Business Application Development (OL) 3	650 Statistics for Business 3
		656 Project Management 3
	Fall	601 Data Management for Business Leaders (OL) 3
	602 Business Intelligence & Analytics 3	
	650 Statistics for Business 3	Winter
	656 Project Management 3	<i>Optional Online term</i>
	Analytics Elective (OL) 3	Spring
	655 Data Mining in Business 3	
Winter	In-Person Analytics Elective 3	
<i>Optional Online term</i>	In-Person Analytics Elective 3	
Spring	657 Data Science for Business (OL) 3	
655 Data Mining in Business 3	Summer	
In-Person Analytics Elective 3	609 Business Application Development (OL) 3	
In-Person Analytics Elective 3	680 Leadership & Org Behavior OR Analytics Elective 3	
657 Data Science for Business (OL) 3		
Total Credits	31	Total Credits

Semester Offerings (*subject to change*)

	In-Person Amherst	Online	In-Person Mt.Ida (Newton)
Core Courses			
518: Career & Professional Development for Analytics	x	Fall, Spring, Summer	<i>online only</i>
601: Data Management for Bus Leaders	Fall, Spring, Summer	Fall, Winter, Spring, Summer	<i>online only</i>
602: Business Intelligence and Analytics	Fall, Spring, Summer	Fall, Spring, Summer	Fall
609: Business Appl Development (Python)	Fall, Spring	Fall, Spring, Summer	<i>online only</i>
650: Business Statistics (<i>pre-requisite for 641 and 655</i>)	Fall, Spring	Fall, Spring	Fall
655: Data Mining in Business	Fall, Spring	Fall, Spring	Spring
656: Project Management	Fall, Spring	Fall, Winter, Spring, Summer	Fall
Track Electives			
633: Financial & Managerial Accounting	Fall, Spring	Fall, Spring	<i>online only</i>
641: Fundamental Principles of Financial Mgmt	Fall, Spring	Fall, Spring	<i>online only</i>
660: Marketing Strategy	Fall, Spring, Summer	Fall, Winter, Spring, Summer	<i>online only</i>
680: Leadership & Org Behavior	Summer, Fall	Fall, Winter, Spring, Summer	Summer
657: Data Science for Business	Fall, Spring	Fall, Spring	<i>online only</i>
654: Advanced Financial Technologies	Fall	x	x
623: Cybersecurity Risk Management	Fall (Hybrid)	Summer, Spring	x
690AI: Applications of Artificial Intelligence in Business	Fall, Spring	x	x
653: Marketing Research & Analytics	x	x	<i>Spring (or other elective)</i>
663: Supply Chain Analytics	x	Summer	<i>Spring (or other elective)</i>
690DV: Data Visualization in Business	x	Fall, Spring	x
662: Web Analytics/Digital Marketing	x	Spring	x
690SA: Sports Analytics	x	Fall	x
787: Survey Development & Analysis (1cr)	x	Winter	x
669: Analytics in Social Media (1cr)	x	Spring	x
667: Salesforce for Marketing & Sales (1cr)	x	Summer	x
771: Forecasting & Futuring (1cr)	x	Winter	x