

# FINANCE CONCENTRATION - BUSINESS ADMINISTRATION (B.S.) (COMBINED B.S./M.S. BUSINESS ANALYTICS)

A combined BS Business Administration/MS Business Analytics degree provides students with foundational quantitative, qualitative and technical skills along with knowledge of data analysis tools. This enhances their abilities in forecasting, managing and monitoring key performance indicators, identifying growth opportunities and strategic planning, which are highly desirable skills in their career.

The "4 + 1" Bachelor's/MS in Business Analytics (MSBA) is a five year program, during which students will spend three years taking courses required for their chosen bachelor's degree program and in their fourth year, they will complete (along with required undergraduate program courses) 6 credits worth of MSBA coursework. This will satisfy both undergraduate degree requirements and count toward achievement of the MSBA degree. In the fifth year, students will take graduate courses required to complete the MS in Business Analytics Degree. Students interested in this option can find more information regarding program requirements on the University's Combined Programs website. (<https://www.montclair.edu/combined-programs/programs-of-study/>)

## Degree Requirements Overview

Code	Title	Credits
	New Student Seminar	1
	SEEDS General Education Requirements	15-18
	Major and Concentration Requirements	72
	Graduate Swing Courses	6
	Free Electives	26-23
	<b>Total Credits</b>	<b>120</b>

## Major Requirements

Requirements for the Graduate portion of this dual degree program can be found here (<http://catalog.montclair.edu/programs/business-analytics-ms/>).

Code	Title	Credits
<b>Business Administration Required Core</b>		
Business Fundamentals		
ACCT 204	Fundamentals of Accounting (Students in the Finance concentration take ACCT 201)	3
or ACCT 201	Fundamentals of Financial Accounting	
BSLW 235	Legal, Ethical, and Global Environment of Business	3
BCOM 280	Strategic Business Communications	3
INFO 290	Technology in Business	3
MGMT 201	Business Ethics and Social Impact	3
MGMT 439	Applied Business Strategy	3
<i>Integrated Core</i>		
FINC 300	Integrated Core: Finance	3
INFO 300	Integrated Core: Operations Management	3
MGMT 300	Integrated Core: Management	3
MKTG 300	Integrated Core: Marketing	3

<i>Collateral Courses</i>		
ECON 101	Applied Macroeconomics	3
ECON 102	Applied Microeconomics	3
INFO 173	Spreadsheet Modeling for Business Decisions	3
INFO 240	Statistical Methods in Business	3
<b>Concentration Requirements</b>		
FINC 221	Introduction to Finance	3
FINC 322	Corporate Finance	3
FINC 326	Investments	3
FINC 327	International Financial Management	3
FINC 423	Advanced Corporate Finance	3
FINC 430	Financial Derivatives	3
FINC 490	Advanced Investment Analysis	3
<i>Concentration Electives</i>		
Complete 9 credits from the list below.		9
<b>Business Administration Career Learning</b>		
BUGN 310	Campus to Career Transition Course I: Prepare for Your Career	0
BUGN 320	Campus to Career Transition Course II: On the Job Success	0
<b>Total Credits</b>		<b>72</b>

## Concentration Electives

Code	Title	Credits
ACCT 380	Understanding Financial Statements	3
COED 401	Cooperative Education Experience I	3-8
ECON 324	Capital Markets and Financial Institutions	3
FINC 318	Introduction to Financial Planning	3
FINC 350	Special Topics in Finance	3
FINC 425	Working Capital Management	3
FINC 495	Student Managed Fund	3
REAL 360	Mortgage and Fixed Income Analysis	3
REAL 405	Real Estate Development	3
REAL 460	Real Estate Investments	3

## Graduate Swing Courses

A combined degree program allows students to complete 6-12 graduate credits ("graduate swing courses") while enrolled as an undergraduate. These courses count for both their bachelor and master's degrees. Graduate swing courses will count toward undergraduate free electives, unless noted otherwise.

The Graduate Swing Courses for this program:

Code	Title	Credits
INFO 574	Database Systems and Management	3
INFO 589	Applied Business Statistics	3

## New Student Seminar

Code	Title	Credits
Students in the Adult Learner program must take GNED 100.		
Complete one course from the following. Some courses may be restricted by major. Consult with an academic advisor.		1
ADVS 198	Pathways to Success	

CHEM 190	Freshman Seminar in Chemistry
FYS 100	First Year Seminar
GNED 100	Adult Academic Success Seminar
GNED 199	New Student Seminar
HPEM 199	Freshman Seminar in Health and Physical Education
IDS 155	Pathways to Adult Learning
JUST 199	New Student Seminar
MATH 102	New Student Experience for Mathematical Sciences
MUGN 199	Freshman Seminar for Music Majors
NURS 199	Introduction to Nursing
POLS 199	Freshman Seminar in Political Science and Law

Code	Title	Credits
<b>Foundations</b>		
<i>Effective Writing I</i>		
	Complete one Effective Writing I course.	3
<i>Effective Writing II</i>		
	Fulfilled by BCOM 280 in the major.	
<i>Interactive Communication</i>		
	Complete one Interactive Communication course.	3
<i>Quantitative Reasoning</i>		
	Fulfilled by INFO 240 in the major.	
<i>Political and Civic Life</i>		
	Fulfilled by ECON 102 in the major.	
<i>World Languages</i>		
	Complete two sequential classes in one World Language when starting at the Beginner I or Beginner II level. Complete one class when starting at the Intermediate/Advanced Level.	3-6
<b>Exploration</b>		
	Complete one course from four different Exploration categories.	6
<i>Analyzing Cultures and Societies</i>		
	Fulfilled by ECON 101 in the major.	
<i>Creative Expression</i>		
<i>Ethical Inquiry</i>		
	Fulfilled by MGMT 201 in the major.	
<i>Historical Thinking</i>		
<i>Literary and Artistic Analysis</i>		
<i>Scientific Reasoning</i>		
<b>Total Credits</b>		<b>15-18</b>

## Recommended Roadmap to Degree(s)

This recommended five-year plan is provided as an outline for students to follow in order to complete their degree requirements within five years. This plan is a recommendation and students should only use it in consultation with their academic advisor.

Fifth year courses are taken at the graduate level, after matriculation into the graduate portion of this combined degree program.

<b>First Year</b>			
Fall	Credits	Spring	Credits
New Student Seminar		1 BCOM 280 (Fulfills SEEDS: Effective Writing II)	3
SEEDS: Effective Writing I	3	INFO 240 (Fulfills SEEDS: Quantitative Reasoning)	3
ECON 102 (Fulfills SEEDS: Political and Civic Life)	3	ECON 101 (Fulfills SEEDS: Exploration 2 – Analyzing Cultures and Societies)	3
INFO 173	3	ACCT 201	3
MGMT 201 (Fulfills SEEDS: Exploration 1 - Ethical Inquiry)	3	FINC 221	3
MATH 100 (or Free Elective)	3		
		<b>16</b>	<b>15</b>

<b>Second Year</b>			
Fall	Credits	Spring	Credits
INFO 290		3 SEEDS: Interactive Communication	3
FINC 300	3	FINC 322	3
INFO 300	3	FINC 326	3
MGMT 300	3	BSLW 235	3
MKTG 300	3	BUGN 320	0
BUGN 310	0	Free Elective	3
		<b>15</b>	<b>15</b>

<b>Third Year</b>			
Fall	Credits	Spring	Credits
SEEDS: World Language 1		3 SEEDS: World Language 2 or Free Elective	3
FINC 327	3	FINC 430	3
Concentration Elective 1	3	Concentration Elective 2	3
Free Elective	3	Concentration Elective 3	3
Free Elective	3	Free Elective	3
		<b>15</b>	<b>15</b>

<b>Fourth Year</b>			
Fall	Credits	Spring	Credits
SEEDS: Exploration 3		3 SEEDS: Exploration 4	3
MGMT 439	3	FINC 423	3
FINC 490	3	Free Elective	2
Free Elective	3	INFO 574	3
Free Elective	3	INFO 589	3
		<b>15</b>	<b>14</b>

**Total Credits 120**

## Graduate Program

<b>Fourth Year</b>		
Summer	Credits	
INFO 570	3	
INFO 584	3	

**Fifth Year**

<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
INFO 581	3	INFO 585	3
INFO 582	3	INFO 587	3
INFO 583	3	INFO 588 or 589	3
		Either INFO 593 in Spring or INFO 592 the following Fall (by Department Permission only)	0-1
		<b>9</b>	<b>9-10</b>

**Total Credits 24-25**