

ECONOMICS (B.A.) (COMBINED B.A./M.S. BUSINESS ANALYTICS)

Program begins Spring 2022

A Combined Degree program enables undergraduate students to enroll in graduate courses in their senior year, which can be counted towards the completion of both their Bachelor's and Master's degree requirements.

The ability to take these "swing courses" allows students to earn both their Bachelor's and Master's degrees in a shortened period of time, typically within five years of intensive study. Undergraduate 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/>).

Program Requirements

Students in this combined degree program must complete the requirements for:

Economics Major (B.A.) (<http://catalog.montclair.edu/programs/economics-ba/>)

Business Analytics (M.S.) (<http://catalog.montclair.edu/programs/business-analytics-ms/>)

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 for Analytics	3
INFO 589	Applied Statistics for Business Analytics	3

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.

Course	Title	Credits
First Year		
Fall		
GENERAL EDUCATION: (A) New Student Seminar		1
GENERAL EDUCATION: (C1) Writing		3
GENERAL EDUCATION: (C3) Communication		3

MATH 100	Math for Business and Social Sciences (Or Free Elective if MATH 100 is not needed.)	3
ECON 101	Applied Macroeconomics (Fulfills General Education K3 category)	3
ECON 102	Applied Microeconomics (Fulfills General Education L category.)	3
Credits		16

Spring

GENERAL EDUCATION: (C2) Literature		3
GENERAL EDUCATION: (K1) Social Science – American and European History		3
World Language I		3
INFO 173	Spreadsheet Modeling for Business Decisions (Fulfills General Education G category.)	3
ECON 203	Fundamentals of Mathematics for Economics	3
Credits		15

Second Year

Fall		
GENERAL EDUCATION: (F1) Humanities – Great Works and Their Influences		3
GENERAL EDUCATION: (F2) Humanities – Philosophical and Religious Perspectives		3
INFO 240	Statistical Methods in Business (Fulfills General Education H category.)	3
ECON 207 or ECON 206	Intermediate Microeconomic Analysis or Managerial Economics	3
ECON 208	Intermediate Macroeconomic Analysis	3
Credits		15

Spring

World Language II		3
ECON 317	Quantitative Methods for Economics	3

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ECON 390	Applied Econometric	3
Economics Major Elective		3
Free Elective		3
Credits		15
Third Year		
Fall		
ECON 370	International Economics	3
ECON 412	Business Forecasting and Analytics	3
Economics Major Elective		3
BUGN 310	Campus to Career Transition I	0
Free Elective		3
Free Elective		3
Credits		15
Spring		
GENERAL EDUCATION: (K2) Social Science – Global Cultural Perspectives		
ECON 438	Advanced Seminar in Economics	3
Economics Major Elective		3
BUGN 320	Campus To Career Transition II	0
Free Elective		3
Free Elective		3
Credits		15
Fourth Year		
Fall		
GENERAL EDUCATION: (I) Natural Science Laboratory		
GENERAL EDUCATION: (J) Physical Education		
Economics Major Elective		3
BUGN 330	Campus To Career Transition III	0
Free Elective		3
Free Elective		3
Credits		14
Spring		
GENERAL EDUCATION: (D) Fine and Performing Arts		
Economics Major Elective		3
BUGN 340	Campus To Career Transition IV	0
Free Elective		3
INFO 574	Database Systems for Analytics	3
INFO 589	Applied Statistics for Business Analytics	3
Credits		15
Total Credits		120

Course	Title	Credits
Fourth Year		
Summer		
INFO 570	Data Wrangling and Analysis	3
INFO 584	Data Visualization	3
Credits		6
Fifth Year		
Fall		
INFO 581	Business Processes for Analytics	3
INFO 583	Introduction to Data Mining for Business	3
INFO 585	Advanced Data Mining for Business	3
Credits		9
Spring		
INFO 582	Optimization Methods for Business Analytics	3
INFO 587	Big Data Management and Analytics	3
INFO 588	Analytics Practicum	3
Credits		9
Total Credits		24