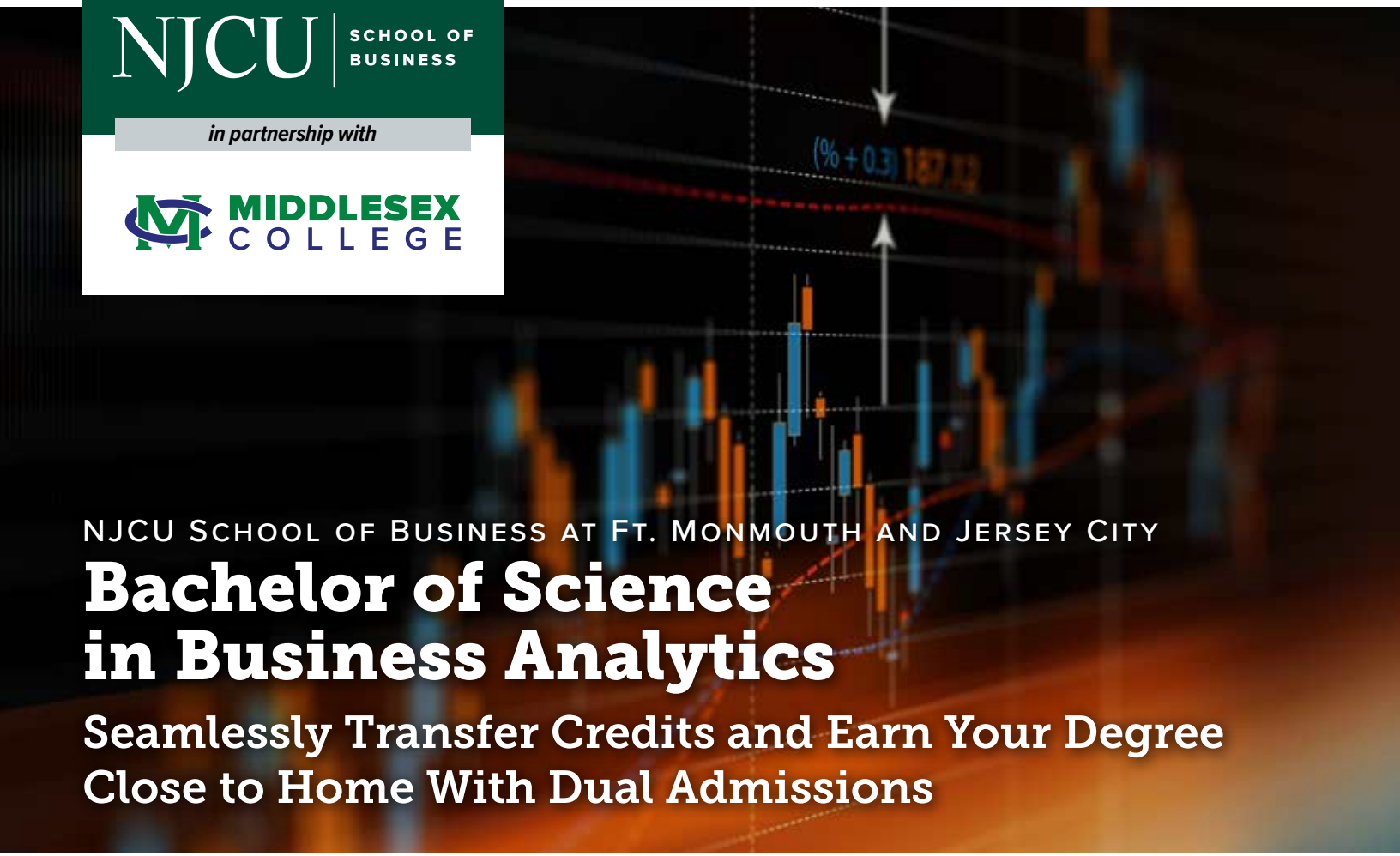
NJCU | SCHOOL OF BUSINESS

in partnership with

MIDDLESEX COLLEGE



NJCU School of Business at Ft. Monmouth and Jersey City

Bachelor of Science in Business Analytics

Seamlessly Transfer Credits and Earn Your Degree Close to Home With Dual Admissions

A degree in Business Analytics and Data Science is designed to prepare students for careers in the field of data analytics. Students will develop cutting-edge analytical skills, including popular machine learning techniques such as Deep Learning, and use software tools that are currently popular in the industry. With a focus on finding real-world solutions to business problems, students graduate with the ability to gather, store, analyze, and interpret large amounts of data to facilitate data-driven business decision making.

Demand For Data Scientists

The world is becoming increasingly data driven. As Andrew McAfee, a prominent MIT researcher on the impact of digital technologies on the world, said, "The world is a big data problem." Business decisions are ever more reliant on big data and analytics than even a decade back. Data is the new raw material for business. Data analytics professionals are in high demand in the industry, as evidenced by a recent study by IBM, which shows that by 2020 the number of data analytics jobs are projected to grow by 364,000 to 2,720,000.

Why Choose NJCU For Your Degree?

- Ranked "Best Bang for Your Buck" among public universities in the Northeast with easy transfer of credits
- Classes offered close to home, online, in-person, HyFlex, and blended to fit your busy life
- Extensive and relevant degree options in high demand fields for existing job holders, business professionals and career changers alike
- Full-time NJCU business faculty teach, advise, and provide personalized support to students
- NJCU School of Business programs are accredited by ACBSP – a global standard of excellence in business education
- Access to specialized services for Middlesex College students and transfers including academic advising, special speakers and business-focused career counselors to help you find an internship or co-op close to home in a field of your choice

NJCU School of Business proudly partners with Middlesex College to offer students the opportunity to earn bachelor's and master's degrees in a wide range of programs previously unavailable to residents in central and southern New Jersey.

NJCU offers students a seamless path to earning a bachelor's degree through our Dual Admissions program! See your academic advisor to begin planning your path to transfer.

Contact Information:

njcu.edu/middlesex
middlesex@njcu.edu
201-200-3230

Turn Your A.S. Degree from Middlesex College into a B.S. in Business Analytics from NJCU

PROGRAM STRUCTURE

The program will consist of 11 interdisciplinary courses known as the common core for all business disciplines (33 credits), seven specialization courses (21 credits), and additional elective courses to reach 120 total credits for graduation. *The Middlesex College A.S. in Business Administration is designed for those students who desire to transfer to a baccalaureate program in business.*

Ready to Take the Next Step?

At NJCU, we offer many different ways for you to get the answers you need to move forward with your educational and professional goals. Connect with NJCU School of Business and Admissions representatives at an upcoming event tailored just for you. We offer everything from informal online coffee chats, to virtual instant decision days, Zoom webinars, Instagram Live chats, guest speaker sessions, and more.

For more information on upcoming events, visit:
njcu.edu/transfer-events

ACBSP Accredited Programs

NJCU SCHOOL OF BUSINESS

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For More Information:

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NJCU REQUIREMENT	MIDDLESEX EQUIVALENT	CR.
General Education program	*Completion of A.S.*	*Accepted*
ENGL 101 English Composition I	ENG 121	3
ENGL 102 English Composition II	ENG 122	3
MGMT 225 Business Enterprise Applications	CSC 106 Intermediate PC Applications with Programming	3
MATH 164 Pre-calculus for Business ***or*** ECON 221 Analytics for Business and Economics	MAT 129 Pre-calculus	4
	MAT 131 Calculus I* *Not required by NJCU for the major.*	4
ECON 203 Business Statistics	MAT 285	3
*DSA 110+DSA 210+DSA 240=FINC 305 Introduction to Data Science	DSA 110 Intro to Data Science and Analytics*****	3
	DSA 210 Foundations of Data Analytics*	3
**DSA 120+DSA 220=FINC 415 Basics of Data Collection, Data Warehousing, and Data Cleansing	DSA 240 Introduction to Machine Learning******	3
	DSA 120 Foundation of Data Collection and Cleansing*******	3
***DSA 110+DSA120+DSA240=FINC 405 Programming Basics for Business Analytics and Data Science	DSA 220 Big Data Fundamentals**	3
FINC 405	DSA 230	
These courses would be counted under General Education requirements and accepted toward the degree	MAT 210 Linear Algebra; Science Gen Ed Elective; Social Science Elective (2 courses); Humanities Gen Ed Elective	15
Total transferred credits:	**60 (includes all above)**	
Credits remaining to degree from NJCU:	**60 (outlined below)**	

COURSES TO BE TAKEN AT NJCU TO COMPLETE THE B.S.	CR.
ECON 207 Macroeconomics	3
ECON 208 Microeconomics	3
MGMT 211 Principles of Management	3
MKTG 231 Principles of Marketing	3
ACCT 251 Financial Accounting	3
ACCT 252 Management Accounting	3
MGMT 235 Business Law I	3
MGMT 241 Global Business	3
MGMT 251 Operations & PMT Fundamentals	3
FINC 371 Managerial Finance	3
MGMT 411 Business Policy	3
FINC 306 Statistical and Mathematical Foundations for Business Analytics and Data Science	3
FINC 410 Introduction to Forecasting Models and Experimental Design for Business Analytics and Data Science	3
FINC 430 Principles of Machine Learning	3
FINC 495 Capstone in Business Analytics	3
Total credits needed in major:	**48**
Total additional free-elective credits needed for NJCU degree completion:	**12**

* Students are encouraged to use electives for a second major or minor. See academic advisors for details.