

# DATA ANALYTICS/ ECONOMICS



**DEGREE PROGRAMS**

**BS: Data Analytics/Economics**



NEW YORK CITY COLLEGE OF TECHNOLOGY  
**CITY TECH**

718.260.5500

admissions@citytech.cuny.edu

300 Jay Street • Brooklyn, NY 11201



## PROGRAM OVERVIEW

The Bachelor of Science degree in Data Analytics/Economics offers students a field of study leading to numerous potential career paths and opportunities. The program includes core applied courses in Economics, Mathematics, and Computer Systems Technology and prepares students for in-demand, entry-level positions across many industries, including healthcare, finance, public policy, real estate, environmental analysis, digital media, marketing, and behavioral science. Among the occupations the program prepares students for are statistician, operations researcher, and policy analyst across fields including health, business, marketing, and finance. The Bachelor of Science program in Data Analytics also prepares students who choose to go on to graduate studies. According to the Bureau of Labor Statistics Occupational Outlook, the labor market outlook in the field of data analytics is strong, and demand is expected to continue growing.

The degree requires completion of 120 credits. This includes a total of 60 credits in General Education courses, along with 60 credits in the core required courses in Mathematics, Computer Systems Technology (CST), and Economics. Economics course requirements include Intermediate and Applied Macroeconomics and Microeconomics, Econometrics, Visualizing and Mapping Economic Data, and Statistical Learning in Social Sciences. Finally, the program requires students to participate in a semester-long internship or to conduct a research project.

### Degree Requirements:

A full, current listing of courses required for the degree can be found at: [www.citytech.cuny.edu/catalog](http://www.citytech.cuny.edu/catalog)

### Contact:

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## ABOUT CITY TECH

Find us just across the Brooklyn Bridge in Downtown Brooklyn.

Whether you are beginning your college degree, continuing your education, or re-envisioning your career, our 58 unique degree programs offer limitless opportunities for advancement. Join our 13,000+ students preparing for high tech careers, graduate education, and contributions to their communities.

For more information about New York City College of Technology (City Tech), or to begin the admission process, please visit [www.citytech.cuny.edu](http://www.citytech.cuny.edu) or call 718-260-5500



**By Train:** A, C, F, R to Jay Street/Metro Tech; 2, 3, 4, 5 to Borough Hall

**By Bus:** B26, B37, B38, B41, B51, B52, B54, B61, B67 or B75 to Downtown Brooklyn

**By Car:** see detailed directions at: [www.citytech.cuny.edu/about-us/directions.aspx](http://www.citytech.cuny.edu/about-us/directions.aspx)

## FRESHMAN ADMISSION REQUIREMENTS

Students applying for admission to the program must meet the college standards for admission into a baccalaureate program. Students who do not have the mathematics background required to enroll in MAT 1475 (Calculus I) but who otherwise meet the admission requirements can use the program elective credits to complete the pre-requisite Mathematics courses.

## TRANSFER STUDENTS

Students transferring to the Data Analytics/Economics program must have:

- A minimum cumulative GPA of 2.5 or higher
- At least one semester of college-level English composition
- Be eligible to enroll in MAT 1375 or higher
- Exceptions can be made with the permission of the department chairperson.

Transfer students lacking any of these criteria must seek the approval of the Department Chair or Program Coordinator. College coursework in economics is strongly recommended for transfer applicants but is not required for admission.

# CAREERS:

The skills attained through this program will prepare students for entry-level positions across a number of industries and occupations, including healthcare, finance, public policy, real estate, environmental analysis, digital media, research and development, behavioral science, marketing, outcomes research, and banking.

