

The BS program equips students with the necessary competencies for successful careers in corporations, government, or non-profit organizations, education, and research. The career infused degree map allows students to commit to their career exploration by aligning coursework with career readiness milestones.

ACADEMICS

CAREER READINESS

FRESHMAN

CREDITS

- 3 ENG 111 - English Composition I
- 3 ECO 166 - Introduction of Macroeconomics
- 4 MAT 171 - Elements of Precalculus or MAT 172 - Precalculus
- 3 Required Core - Life and Physical Sciences
- 3 LEH 250 - First-year Seminar
- 16 TOTAL CREDITS**

1ST SEMESTER

- Activate your [Handshake account](#) with [CEDC](#) to begin exploring career resources and opportunities available through Career Exploration & Development Center (CEDC).
- Create a resume to begin documenting your achievements. Review samples for your major on [Handshake Document Library](#).
- Join 'The Archimedes Club', explore [professional associations](#), and [clubs](#) related to Economics to expand your network! Explore honor society options on campus.

2ND SEMESTER

- 3 ENG 121 - English Composition II
- 3 Flexible Core - U.S Experience in its Diversity
- 3 ECO 167 - Introduction to Microeconomics
- 4 CMP 167 - Programming Methods I
- 4 MAT 175 - Calculus I
- 1 MAT 155 - Calculus I Laboratory
- 18 TOTAL CREDITS**

- Create a [LinkedIn](#) account to establish your professional presence online.
- Explore career paths in [Economics & Mathematics](#) and take the [Focus 2 Career Assessment](#). Code: Lightning
- Identify a Mentor with whom you check-in periodically ([Economics Faculty](#), [Economics Graduate Faculty](#), [The City Tutors](#), [Streetwise Partners](#)).
- Create a draft cover letter you can use to apply to internships and pipeline programs.

SOPHOMORE

CREDITS

- 3 General Education Foreign Language Option
- 3 Flexible Core - Scientific World
- 3 Flexible Core - Creative Expression
- 4 MAT 176 - Calculus II
- 1 MAT 156 - Calculus II Laboratory
- 1 CED 201 - CED 201: Business Career Exploration & Planning, and Self-Discovery
- 15 TOTAL CREDITS**

1ST SEMESTER

- Join a student professional organization ([ALPFA](#), [NABA](#), [NAPABA](#), [Omicron Delta Epsilon](#)) to deepen your engagement in Economics & Mathematics.
- Begin exploring early pipeline programs like ([America Needs You \(ANY\)](#), [BASTA](#), [Year Up](#), [Wall Street Direct](#), [CUNY Opportunities](#)).
- Apply to be a [Research Assistant](#), [Mathematics or Economics Tutor](#), [College Assistant](#).

2ND SEMESTER

- 3 General Education Foreign Language Option
- 3 Flexible Core - World Cultures and Global Issues
- 4 MAT 226 - Vector Calculus
- 3 MAT 301 - Applied Statistics & Data Analysis
- 3 Elective
- 16 TOTAL CREDITS**

- Attend an [interview workshop](#) to learn the fundamentals of interviewing for Economic & Mathematics roles.
- Apply for internships ([Federal Reserve Bank of New York](#), [NYCEDC](#), [Goldman Sachs](#), [AIG](#), [The New York Times](#), [Top 4](#), [Barclays](#), [Jobs NYC](#), [CUNY paid internships](#)).
- Identify skills/certificates outside of the classroom ([Lehman Bloomberg Finance Lab](#), [CUNY Upskilling](#), [Coursera](#)) to complete.
- Explore the ([National Association for Business Economics & American Economic Association](#), [Informs](#)).

ACADEMICS

CAREER READINESS

CREDITS

- 3 LEH 352 or 353 or 354 or 355 (must have earned 45 credits or declared your major)
- 3 ECO 300 - Intermediate Macroeconomics
- 4 MAT 313 - Elements of Linear Algebra
- 3 ECO 302 - Economic Statistics
- 3 Elective
- 16 TOTAL CREDITS**

1ST SEMESTER

- Participate in case competitions to solve real-world Economic and Mathematics. Consult with Faculty. (Battle of the Brain X ALPFA, Accenture Innovation Challenge)
- Prepare for interviews in Economics & Mathematics by completing a Mock interview with your Career Specialist.
- Research graduate school or other postgraduate opportunities if considering further education.
- Take FREE instructor-led MS Office workshops with Lehman IT Center.
- Attend career fairs, symposiums, conferences and seminars to network with professionals.

2ND SEMESTER

- 3 LEH 352 or 353 or 354 or 355
- 4 ECO 402 - Econometrics
- 3 ECO 301 - Intermediate Microeconomics
- 4 MAT 330 - Probability and Statistics
- 1 CED 301 - Business Career Goals, Strategies and Networking
- 15 TOTAL CREDITS**

- Take leadership roles in Economics-related clubs or professional association you belong to.
- Engage in LEAP on Suitable and other Experiential Learning Opportunities to explore career paths & develop practical skills in Economics and Mathematics.
- Work in at least **one** Economics & Mathematics internship by the end of summer after your junior year. Apply for the Summer Wall Street Exchange Program for **rising seniors**.
- Engage with career guidance, networking, and hiring events on Handshake and Forage to deepen your understanding of your career path.

CREDITS

- 3 ECO 3XX or 4XX
- 4 MAT 347 or MAT 349 or MAT 424
- 3 Minor or Certificate Course I
- 3 Minor or Certificate Course II
- 13 TOTAL CREDITS**

1ST SEMESTER

- Meet with your Career Specialist to finalize your resume, LinkedIn profile, and prepare for interviews.
- Take exams that can help advance your career -Chartered Financial Analyst (CFA), Financial Risk Management (FRM), and Certified Financial Planner (CFP).
- If applicable complete the process for applying to graduate school.
- As graduation nears, connect with mentors and network for career advice and job leads.

2ND SEMESTER

- 3 Major Electives
- 3 ECO 401 - Introduction to Mathematical Economics
- 3 Minor or Certificate Course III
- 3 Minor or Certificate Course IV
- 12 TOTAL CREDITS**

- It is recommended you take the Securities Industry Essentials Exam (SIE) from FINRA.
- Subscribe to the New York Jobs CEO Council and CUNY Weekly Newsletter for exclusive opportunities, events and career resources.
- If appropriate, complete the process of applying to graduate school.
- Be sure to explore the CUNY Alumni website for valuable resources!