

B.A. Economics & Mathematics

Department of Economics & Department of Mathematics

Name: _____ BU ID: _____ Date: _____

CAS Foreign Language Requirement (4th semester proficiency is required)

☐ _____ ☐ _____ ☐ _____ ☐ _____

4th semester proficiency can be displayed via college level coursework, BU CAS proctored language placement & proficiency exams, AP, IB, or other advanced credit.

Prerequisites

☐ **EC101:** Introductory Microeconomic Analysis ☐ **EC102:** Introductory Macroeconomic Analysis ☐ **MA123:** Calculus I ☐ **MA124:** Calculus II

Principal Economics Courses

☐ **EC201:** Intermediate Microeconomic Analysis ☐ **EC202:** Intermediate Macroeconomic Analysis ☐ **EC303/MA213:** Empirical Economic Analysis 1 ☐ **EC304:** Empirical Economic Analysis 2

☐ **EC501:** Microeconomic Theory (taken in the spring) ☐ **EC502:** Macroeconomic Theory (taken in the fall)

Three other 4-credit courses selected from EC320 - EC599

☐ _____ ☐ _____ ☐ _____

Principal Mathematics Courses

☐ **CS111:** Introduction to Computer Science I ☐ **MA225/MA230:** Multivariate Calculus ☐ **MA242/MA442:** Linear Algebra ☐ **MA569:** Optimization Methods of Operations Research

Three other 4-credit courses selected from CAS MA226/231, MA415, MA416, MA433, MA511, MA512, MA581, MA582, MA583, MA584, MA585, CS112

☐ _____ ☐ _____ ☐ _____

Electives (Note: Semester offerings may change. See the BU Bulletin Course Directory and MyBU Portal for updated info.)

300-Level Economics Courses

EC320: Economics of Less-Developed Regions
EC322: Political Economy of the Middle East and North Africa
EC323: Behavioral Economics
EC325: The Economics of Poverty and Discrimination in the United States
EC328: Urban and Regional Economics
EC330: European Business Environment: Institutions and Enterprise
EC332: Market Structure and Economic Performance
EC333: Market Organization and Public Policy
EC337: Economic Analysis of Legal Issues
EC341: Monetary and Banking Institutions
EC342: Monetary and Banking Theory
EC346: European Capital Markets
EC348: Dynamic Macroeconomics
EC356: Economics of the Labor Market
EC358: Economics of Education
EC360: British Macroeconomic Policy

300-Level Economics Courses

EC361: Economic Development of Europe: Between Union and Disunion
EC363: Race and the Development of the American Economy: A Global Perspective
EC364: Economic Policy: A British Perspective
EC365: Economic Institutions in Historical Perspective
EC367: Economics of the Public Sector
EC368: Contemporary East Asian Economics
EC369: Economic Development of Latin America
EC370: The Chinese Economy
EC371: Environmental Economics
EC372: The Irish Economy
EC377: Government, Business, and Labor
EC379: Firms, Markets, and Economic Development
EC385: Economics of Sports
EC387: Introduction to Health Economics

300-Level Economics Courses

EC390: Special Topics in Economics
EC391: International Trade
EC392: International Macroeconomics

Find additional Economics courses [here](#)

Mathematics Electives

MA226: Elementary Differential Equations
MA231: Honors-Level Differential Equations
MA415: Data Science in R
MA416: Analysis of Variance
MA433: Graph Theory
MA511: Introduction to Analysis 1
MA512: Introduction to Analysis 2
MA581: Probability
MA582: Mathematical Statistics
MA583: Introduction to Stochastic Processes
MA584: Multivariate Statistical Analysis
MA585: Time Series and Forecasting
CS112: Introduction to Computer Science 2

DEGREE REQUIREMENT NOTES:

- A minimum of 128 credits is required for graduation (excluding PDP, ROTC, and CAS FY and SY courses).
- Transfer students must complete all 10 BU Hub general education requirements.
- Students are required to pursue study of a language other than English through the intermediate (fourth-semester) level or to demonstrate equivalent proficiency.
- All Principal classes counting towards the Major in Economics & Mathematics must be completed with a grade of C or higher.
- Petitions for preapproval of transfer courses must be submitted to the Academic Advisor.
- Students who declared an Economics & Mathematics major prior to Fall '23 will automatically be held to the old requirements (namely, EC201, 202, 303, and 304), but may choose to follow the new requirements if they prefer. Students who declared an Economics & Mathematics major in Fall '23 or later must follow the new requirements.
- If you newly declare this major after having already taken EC201, EC202, EC203/303, and/or EC204/304, please consult an Economics advisor to determine if you need to complete additional Economics coursework for the joint major requirements.

B.A. Economics & Mathematics

Department of Economics

Name: _____ BU ID: _____

Academic Year	Fall Classes	Spring Classes
Academic Year	Fall Classes	Spring Classes
Academic Year	Fall Classes	Spring Classes
Academic Year	Fall Classes	Spring Classes

Notes:

10 BU Hub Requirements for Transfer students

Only Principal EC & MA courses are listed below

Philosophical, Aesthetic, and Historical Interpretation

Choose one of the following:

- ☐ Philosophical Inquiry and Life's Meaning
☐ Aesthetic Exploration
☐ Historical Consciousness

Scientific and Social Inquiry

- ☐ Scientific Inquiry I or Scientific Inquiry II

MA124 (S2)

- ☐ Social Inquiry I or Social Inquiry II

EC101/102 (SO1),
EC201/202 (SO2)

Quantitative Reasoning

- ☐ Quantitative Reasoning II

EC204/304,
MA123/124/225/242

Diversity, Civic Engagement, and Global Citizenship

Choose one of the following:

- ☐ The Individual in the Community
☐ Global Citizenship & Intercultural Literacy
☐ Ethical Reasoning

GCI: EC102

ETR: EC101

Communication

Choose one of the following:

- ☐ Writing, Research, and Inquiry
☐ Writing-Intensive

Intellectual Toolkit

- ☐ Critical Thinking (1 unit required)

CS111, EC101/201/202,
MA123/124/225/226/242

- ☐ Research and Information Literacy (1 unit req.)

EC204

- ☐ Teamwork/Collaboration (1 unit req.)

- ☐ Creativity/Innovation (1 unit req.)

CS111