

QUANTITATIVE ECONOMICS (B.S.)

The Bachelor of Science (B.S.) in Quantitative Economics prepares students for the job market and graduate school by providing broad and deep training in the field of economics itself and by developing one's skills in critical thinking and analysis. Quantitative Economics majors develop the aptitude to operate in a wide range of business entities and to succeed in graduate programs in business, social science, and law. Graduates of economics exhibit strong scores in the graduate entrance examinations across the board. Course work includes both theory and application and is designed to build and develop student assessments of the world through an economics lens. As a long-standing field in academe, economics has extensive ties to mathematics, statistics, and philosophy as it pertains to economic, social, business, and political environments. Students trained in economics are particularly strong candidates for jobs in business functions requiring strategic thinking, analytical skills, writing, and presentations. Industries that highly value the undergraduate degree in Quantitative Economics include banking and finance, economic journalism, law, business, government service, and non-university teaching.

Concentrations

- Econometrics Concentration
- Economics Concentration

Program Progression and Additional Graduation Requirements

Degree-seeking students are classified as pre-majors prior to formal transition into a Lutgert College of Business (LCOB) major. As pre-majors, students may enroll in lower division (1000-2999 level) courses to satisfy general education and common prerequisite requirements; lower level electives; and business common core courses, except GEB 4890 Business Strategy, if course prerequisites are met. Pre-majors may not enroll in upper division (3000-4999 level) courses for the major.

Transition from a LCOB pre-major to a major happens following (a) completion of all common prerequisites with a minimum grade of C or higher in each course; and (b) completion of 50 earned credits with a minimum FGCU GPA of 2.0.

For timely degree completion, FTIC (First Time in College) students are expected to complete the following:

- MAC 1105 College Algebra with minimum grade of B (or relevant accelerated credit or placement exam), ECO 2023 Principles of Microeconomics or ECO 2013 Principles of Macroeconomics with minimum grade of C, one additional common prerequisite, and an overall 2.4 FGCU GPA within one calendar year from admission
- ECO 3101 Intermediate Price Theory with minimum grade of C by the end of the fifth semester (excluding summer) from admission
- FIN 3403 Business Finance with minimum grade of C by the end of the sixth semester (excluding summer) from admission

For timely degree completion, transfer students are expected to complete the following:

- ECO 3101 Intermediate Price Theory with minimum grade of C by the end of the fourth semester (excluding summer) from admission

- FIN 3403 Business Finance with minimum grade of C by the end of the fifth semester (excluding summer) from admission

Students should refer to the Degree Map for milestone information. Degree maps for each major can be found at <https://www.fgcu.edu/cob/>.

In addition to the program requirements, students must:

- Attempt ACG 2021 Intro. to Financial Acctg. no more than two times.
- Earn a grade of C or higher in the common prerequisites, business common core, required courses in the major, and restricted electives/concentration.
- Complete a minimum of 48 of the 120 credits at the upper division (3000-4999 level).
- Complete the last 30 credits of business courses at FGCU.
- Complete a minimum of 12 credits of courses in the major at FGCU.
- Earn a minimum cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy the College-Level Skills and foreign language entrance requirements.
- Satisfy the Service-Learning requirement.
- Satisfy the Civic Literacy requirement.
- Complete the standardized business knowledge assessment exam administered during the last semester in GEB 4890 Business Strategy.
- Complete the summer course enrollment requirement.
- Submit an Application for Graduation by the deadline listed in the FGCU Academic Calendar.

Program Requirements

Code	Title	Credits
FGCU General Education Program (https://www.fgcu.edu/academics/undergraduatestudies/generaleducation/)		
To prevent or minimize excess hours, select general education courses that satisfy common prerequisite requirements for your intended major.		
Common Prerequisites		
For this major, common prerequisite courses with an asterisk (*) require prior knowledge and skills demonstrated through degree acceleration programs (e.g., the College Board's Advanced Placement Program ^{AP} , International Baccalaureate Program ^{IB} , College-Level Examination Program ^{CLEP} , Advanced International Certificate of Education Program ^{AICE}); dual enrollment; placement exam; or college coursework.		
A minimum grade of C is required in each course		
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
Business Common Core		(24 credits)
A minimum grade of C is required in each course		
BUL 3130	Legal & Ethical Enviro of Bus	3
FIN 3403	Business Finance	3
GEB 4890	Business Strategy (capstone)	3
ISM 3011	Information Systems	3
MAN 3025	Principles of Management	3
MAR 3023	Introduction to Marketing	3
SCM 3005	Supply Chain Management	3

Select one of the following:

GEB 3085	Professional Development	3
SPC 1608	Effective Speaking	3
SPC 2023	Public Speaking	3

Required Courses in the Major (24 credits)

ACG 2021	Intro. to Financial Acctg.	3
CGS 1100	Computer Software & Technology	3
ECO 3101	Intermediate Price Theory	3
ECO 3203	Intermediate Macroeconomics	3
ECO 3410	Econometrics I	3
ECO 4903	Undergraduate Seminar (capstone)	3
MAC 2233	Elementary Calculus I	3
STA 2023	Statistical Methods	3

Concentration (9 credits)

Select one of the following concentrations:

Econometrics Concentration		
ECO 3401	Mathematical Economics	3
ECO 4422	Econometrics II	3
ECP 3203	Labor Economics	3

Economics Concentration		
ECP 3009	Moral Foundations & Capitalism	3

Select 6 credits of upper division (3000-4999) courses from the following prefixes: ECP, ECS, ECO or FIN 3244 Money & Capital Markets (3)

Sustainability Course Graduation Requirements (3 credits)

Select at least 3 credits in sustainability coursework (SCGR Attribute)

Additional Electives

As needed to reach total credits required for the degree

Total Credits Required: 120