

ECONOMETRIC AND DATA ANALYSIS CERTIFICATE

This Econometric and Data Analysis certificate aims to build a strong foundation with which students can pursue technical careers in business analytics, public policy analysis, and other data-intensive fields.

About this Program

- **College:** Liberal Arts and Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/>)
- **Credits:** 14-15 | Completed with minimum grades of C

Certificates must comply with the Certificate Policy.

Department Information

The Department of Economics offers a vibrant undergraduate curriculum. Students enjoy close and meaningful interactions with the faculty through rigorous and engaging courses. A diverse menu of elective courses covers exciting and relevant topics like growth and development, international trade and finance, public policy analysis and evaluation, and strategic business decisions. Students are strongly encouraged to pursue outside-of-the-classroom learning through internships and study abroad.

Website (<https://economics.clas.ufl.edu/>)

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Map (<http://campusmap.ufl.edu/#/index/0406>)

Curriculum

- Combination Degrees
- Economics
- Economics Minor

Certificates must contain at least nine credits of coursework that are unique to that program out of all other certificates and minors.

This certificate is open to all undergraduates. Data Science, Economics, Finance, Food and Resource Economics, and Geography majors are especially encouraged to apply. Several credits will double count toward the Economics major.

Application Requirements

Because this certificate requires a substantial number of prerequisite courses, the Department of Economics must consider timely graduation when evaluating applications. All certificate applications should include a graduation plan that demonstrates how the applicant will meet all undergraduate program requirements, including the certificate requirements, in a timely fashion.

Economics Majors

Economics majors can apply ECO 3430, ECO 4421, and ECO 4422 toward the major's required upper-division coursework requirement but will still require a fourth economics course that satisfies that requirement.

Students will take at least one course (GEO 4169) in the certificate that is not applied to the Economics major.

Economics Minors

Economics minors can also apply ECO 3430, ECO 4421, or ECO 4422 toward the minor's elective coursework requirement. Because certificate students must complete nine credits that are distinct from all other certificates and minors, Economics minors may only apply one of the certificate courses to the minor.

Prerequisite Foundation Courses

Code	Title	Credits
ECO 2013	Principles of Macroeconomics	4
ECO 2023	Principles of Microeconomics	4
ECO 3101 or ECP 3703	Intermediate Microeconomics Managerial Economics	4
STA 2023	Introduction to Statistics 1	3

Required Courses

Code	Title	Credits
AEB 3550	Agricultural Data Analysis in Food and Resource Economics	3-4
or ECO 3430	Economic Analysis of Data	
ECO 4421	Econometrics	4
ECO 4422	Econometrics 2	4
GEO 4169	Spatial Econometrics and Modeling ¹	3
Total Credits		14-15

¹ Students who have completed ECO 4421 with a minimum grade of C are exempt from the GEO 4167C and GEO 3162C prerequisites.
