QUANTITATIVE BUSINESS ECONOMICS, POST-BACCALAUREATE CERTIFICATE

The Post-Baccalaureate Certificate (P.B.C.) in Quantitative Business Economics is designed for individuals interested in developing broad perspectives on the use of economics in evaluating business decision making. The certificate delivers high-demand skills such as time series and forecasting, managerial economics, policy evaluation, and the ability to develop and evaluate the models used for stress testing.

The P.B.C. in Quantitative Business Economics is composed of four courses that can be completed in as little as two semesters. Admission in either the fall or the spring semester is possible.

Completion of the P.B.C. in Quantitative Business Economics ensures eligibility to apply for admission to the Master of Arts (M.A.) in Applied Economics; courses completed as part of the certificate program may count toward completion of the M.A. subject to the Graduate School policy on time limits for master's degrees.

Students may pursue the P.B.C. concurrently with an M.A. in Applied Economics. Courses taken as part of the certificate program may also satisfy degree requirements subject to Graduate School policy. Certificates function similarly to a cognate, which is course work organized around a narrow subfield. Certificates provide master's students with the ability to earn enhanced credentials. Enrolled master's students do not have to pay the application fee to pursue a concurrent certificate.

Student Learning Outcomes

- **Microeconomic Theory.** Students will apply microeconomic theory to business decision making.
- **Prepare Data for Economic Analysis.** Manage, clean, and use data sets to construct descriptive, graphical, and statistical representations of economic phenomena. Diagnose and identify data issues.
- **Econometrics.** Students will apply time series econometric procedures in the empirical analysis of economic issues.

For information regarding deadlines and requirements for admission, please see https://grs.uncg.edu/programs/.

Certificate Program Requirements

Required: 12 credit hours

Code	Title	Credit Hours
Required Courses (12 credits)		
ECO 625	Data Methods in Economics	3
ECO 657	Managerial Economics	3
ECO 664	Time Series and Forecasting	3
ISM 645	Principles of Predictive Analytics	3
Total Credit Hours		**12**

e-Portfolio

As a requirement for completion of the certificate, each student must successfully complete an e-Portfolio of significant assignments and final projects. The e-Portfolio demonstrates a student's cumulative program knowledge and fulfills the capstone requirement of the program. This body of work can be shared with prospective employers to help students distinguish themselves in the job market. Students must receive approval of their e-Portfolio from the Graduate Program Director in order to meet the graduation requirement.