

Graduate Certificate in Economic and Demographic Data Analysis

The School of Economic, Political and Policy Sciences (EPPS) offers a graduate certificate in Economic and Demographic Data Analysis. This graduate certificate is for students who want to gain competencies in research design, quantitative analysis and statistical modeling for applications in the fields such as public policy, urban affairs, economic development, financial institutions, and marketing.

Certificate Requirements

Requirements for admission to the certificate program are the same as a non-degree seeking graduate student. The Program Evaluation Certificate requires the completion of five (5) graduate courses (15 semester credit hours). Courses from other institutions may not be applied to the required 15 semester credit hours. The courses taken for this certificate will apply to various masters' degree programs in EPPS if the student meets the conditions for full admission as a graduate student to the respective Master's program. Certificate must be completed within a 3-year time period with a minimum GPA of 3.0.

Students are required to take:

- EPPS 7313 Descriptive and Inferential Statistics
- EPPS 7316 Regression and Multivariate Analysis

Students must choose at least three courses from the following:

- PPPE 6324 Data Management
- EPPS 7318 Structural Equation and Multilevel (Hierarchical) Modeling
- EPPS 7344 Categorical and Limited Dependent Variables
- EPPS 7368 Spatial Epidemiology
- EPPS 7370 Time Series Analysis I
- EPPS 7371 Time Series Analysis II
- EPPS 7386 Survey Research
- EPPS 7390 Bayesian Analysis for Social and Behavioral Sciences
- EPPS 7V81 Special Topics in Social Science Research Methodology