

Data Visualization and Analysis Electives Educational Goals

These educational goals apply to the following courses:

ECON 334	Data Visualization and Economic Analysis
ECON 335	Cause and Effect in Economic Data

2 Analyze and Interpret economic data

Introductory:

- Conduct statistical and/or quantitative analysis using a computer
- Apply quantitative tools learnt in core courses to analyze issues related to the course's subject area

Introductory/Developing:

- Interpret statistical evidence and methodology
- Interpret empirical evidence related to topics studied in the course's subject area

3 Critically assess economic arguments, assumptions, and evidence

Introductory/Developing:

- Critically evaluate assumptions in economic/econometric models

4 Use oral, written, and graphical methods to communicate economic insights

Developing:

- Present economic arguments by means of graphs, charts and tables
- Use multiple methods in combination to communicate economic insights

5 Use economic concepts to understand real-world human activity and public policy

Developing:

- Evaluate current events using tools of economics