

ECONOMICS COMPUTING OPTION, BACHELOR OF SCIENCE (BS)

Note: in order to graduate with a BS in Economics, students must complete ECON 304 and ECON 305 with a grade ≥ 2.0 and the cumulative GPA for all courses completed towards the major must be ≥ 2.0 .

Required Core

ECON 200	INTRODUCTION TO MICROECONOMICS	5
ECON 201	INTRODUCTION TO MACROECONOMICS	5
ECON 304	INTERMEDIATE MICROECONOMIC THEORY	5
ECON 305	INTERMEDIATE MACROECONOMIC THEORY	5
ECON 337	ECONOMETRICS	5
ECON 430	MATHEMATICAL ECONOMICS	5
ECON 438	ECONOMETRICS II	5
ECON 490	ECONOMICS SENIOR CAPSTONE	5
MATH 161	CALCULUS I	5

Math Supporting

MATH 301	DISCRETE MATHEMATICS	5
MATH 380	ELEMENTARY PROBABILITY AND STATISTICS	5
or MATH 385	PROBABILITY AND STATISTICAL INFERENCE I	

Computing Related Courses

CSCD 110	INTRODUCTION TO PROGRAMMING	5
CSCD 255	C PROGRAMMING FOR ENGINEERS	5
CSCD 327	RELATIONAL DATABASE SYSTEMS	4
MENG 201	MATLAB	4
or CSCD 409	SCIENTIFIC PROGRAMMING	

Total Credits 72-73

For information on General Education, see Undergraduate Degree (<http://catalog.ewu.edu/archives/2016-2017/undergraduate-degree>).

Student Learning Outcomes—students will

- use supply and demand modeling to predict and/or explain some economic event;
- use quantitative skills to analyze economic data;
- understand the use of fiscal and monetary policies in addressing contemporary macroeconomic issues;
- understand and apply the Cost/Benefit Principle to a current socio-economic issue.