The major combines courses from the Mathematics department and the Economics department to give students an intense grounding in economic theory, mathematical methods, probability, and statistics. Emphasis is placed on practical economic research, such as how economics can be used to better understand contracts and competition within industries. This major particularly benefits students interested in pursuing Economics at a PhD level.

**BACHELOR OF SCIENCE (BS) REQUIREMENTS OVERVIEW**

**Seven Lower Division Courses**
- Principles of Microeconomics and Principles of Macroeconomics
- Intermediate Microeconomics Theory and Intermediate Macroeconomics theory
- Introduction to Econometrics
- Two upper division economics electives

**Seven Mathematics Courses**
- Calculus II and III
- Linear Algebra & Differential Equations OR Mathematics of Physics and Engineering
- Probability Theory
- Mathematical Statistics
- Two upper division mathematics electives

**One Information Technology Program (ITP) Course. A few examples are:**
- Introduction to C/C++ Programming
- Introduction to Visual BASIC
- Fundamentals of Computer Programming

**EXPERIENTIAL OPPORTUNITIES**

- **Progressive Master’s Degree:** This program allows exceptional students the opportunity to earn both a BS and MS in only five years.

- **Economics Leadership Council:** The ELC is a network of alumni and professionals who strive to connect people in the Department of Economics and encourage academic excellence. They also coordinates social events, lectures, and guest speakers throughout the year to expose students to career opportunities.

- **Study Abroad:** Take a global approach to your studies by investigating the transformation of Middle Eastern economics in Jordan, the emergence of the Pacific Rim in Japan, or the theories produced at one of the most noted colleges in the field, the London School of Economics.

- **Omicron Delta Epsilon:** ODE is one of the world’s largest and most prestigious academic honor societies working to recognize and honor outstanding academic achievements in economics, and promote closer ties between students and faculty.

*For additional information, including all major requirements, please consult the USC Catalogue or [https://dornsife.usc.edu/econ/bs-economics-mathematics/](https://dornsife.usc.edu/econ/bs-economics-mathematics/)*