

# CERTIFICATE IN FOUNDATIONS OF ECONOMICS

---

The Certificate in Foundations of Economics provides students with comprehensive scientific, mathematical and applied skill sets required for testing and applying economic models within real-world settings. This program equips students with critical thinking skills for evaluating and improving methods that investigate economic components influencing individual, system, and social level variables. By focusing on the practical applications of economics, it is designed to train problem solvers who will be competitive job applicants all economic sectors.

Business at Illinois Tech has a prestigious history that dates back to the late 1800s, with some of the nation's first courses in "Home Economics" and "Household Management" being offered by the Lewis Institute, Stuart's original home, and the Institute's subsequent formation of the Department of Business and Economics in 1926.

A long-standing leader in curricular innovation, Stuart offers a number of undergraduate certificates. Stuart undergraduate certificates are designed to equip students with strong foundations in business disciplines. Through a carefully curated selection of four undergraduate courses, the certificate offers a comprehensive understanding of key business concepts, strategies, and practices.

The courses offered in this program are designed to blend theoretical knowledge with practical applications. Through case studies, real-world examples, and interactive exercises, students will have the opportunity to analyze and solve business problems, enhancing their critical thinking and decision-making abilities. Additionally, collaborative projects and discussions will foster teamwork and communication skills, essential for effective business professionals.

This certificate is offered independent of whether a student is majoring in one of Stuart's undergraduate programs or is simply looking to deepen their knowledge and gaining a solid understanding of business fundamentals, and is also available to dual-enrollment students. Upon completion, students will have a valuable credential to showcase.

## Curriculum

| Code                      | Title                        | Credit Hours |
|---------------------------|------------------------------|--------------|
| BUS 221                   | Business Statistics          | 3            |
| ECON 151                  | Microeconomics               | 3            |
| ECON 152                  | Macroeconomics               | 3            |
| ECON 251                  | Introduction to Econometrics | 3            |
| <b>Total Credit Hours</b> |                              | <b>12</b>    |