# BACHELOR OF SCIENCE IN ECONOMICS AND POLICY

The Bachelor of Science in Economics and Policy degree is an innovative cross-disciplinary program that provides students with an understanding of the analytical and policy skills they need to address key problems in public policy. The curriculum is multidisciplinary, including courses in economics, political science, statistics, econometrics, political economy, organizational theory and program evaluation. It is designed to prepare students to analyze policy issues and design effective data driven solutions. Graduates will be prepared to become leaders and managers in a wide range of fulfilling careers in the public, private, and nonprofit sectors or to pursue graduate study.

Stuart School of Business is a global leader in bridging technology and business, offering distinctive education that provides students with the knowledge and skillsets to become outstanding professionals.

Economics and Policy at Illinois Tech have a prestigious history that dates back to the late 1800s, with some of the nation's first courses in "Family and Consumer Science" (including "Home Economics" and "Household Management"), and the subsequent formation of the university's Department of Business and Economics in 1926. The Department Business and Economics ultimately grew into a separate school at Illinois Tech – the Stuart School of Business, with a gift from university alum and renowned financier Harold Leonard Stuart. Harold L. Stuart himself was a national leader in finance in the first half of the 20th century, and his Chicago investment bank played a pivotal role in establishing the city as a global hub for business.

Over a period of more than 125 years, harnessing curricular innovations and incredible scholarly works by trailblazing Illinois Tech scholars, including Herb A. Simon (author of Administrative Behavior, later awarded the Nobel Prize in Economics), Karl Menger (developer of the St. Petersburg paradox in economics) and Abe Sklar (developer of the Copula in financial and statistical modeling), the Stuart School of Business and the university's Department of Social Sciences at its Lewis College of Science and Letters have refined economics and policy education. A long-standing leader in curricular innovation, in 1990, building on the foundational works of numerous Illinois Tech scholars, and Harold L. Stuart's own contributions to finance and the broader business community, the Stuart School of Business established quantitative finance as an academic discipline, with a world's first postgraduate Master's program in Financial Markets and Trading – a program that highlighted a new model for embedding into a postgraduate academic program the emphases on career readiness and connectedness with the business community, and transformed business education.

The Bachelor of Science in Economics and Policy brings together world-class faculty from the Lewis College of Science and Letters and the Stuart School of Business, offering students an incredible opportunity to complete a core set of courses in both disciplines, with expanded access to subject matter experts from both colleges. As with all Stuart majors, the program emphasizes co-curricular opportunities that place students on the path to self-actualization and career success. Leadership, entrepreneurship, experiential learning, positive societal impact, and connectedness to the business community, combined with a human-centered approach to student development, and an unyielding focus on student success, are core pillars of all Stuart programs. Stuart is accredited by the Association to Advance Collegiate Schools of Business (AACSB) – an accreditation achieved by fewer than 6% of business schools worldwide.

The Bachelor of Science in Economics and Policy builds on Stuart's and Lewis's prestige in economics and the social sciences, as well as a tradition of impactful undergraduate education that leads to career success for graduates. The innovative program, which offers students both economics and policy perspectives, requires the successful completion of 126 credit hours.

## Required Courses

| Code | Title | Credit Hours |
|---|---|---|
| **Required Economics Courses** | | **(72)** |
| BUS 100 | Introduction to Business and Economics | 3 |
| BUS 102 | Introduction to Business Analytics | 3 |
| BUS 221 | Business Statistics | 3 |
| BUS 321 | Analytics for Optimization | 3 |
| BUS 480 | Strategic Management and Design Thinking | 3 |
| ECON 151 | Microeconomics | 3 |
| ECON 152 | Macroeconomics | 3 |
| ECON 251 | Introduction to Econometrics | 3 |
| ECON 311 | Intermediate Microeconomics | 3 |
| ECON 312 | Intermediate Macroeconomics | 3 |
| ECON/BUS 382 | Business Economics | 3 |
| ECON 423 | Economics of Capital Investments | 3 |
| Required Policy Courses | | |
| PS 200 | American Government | 3 |
| PS 232 | Democracy, Dictatorship, and Development | 3 |
| PS 306 | Politics and Public Policy | 3 |
| PS 313 | Comparative Public Policy | 3 |
| PS 360 | Global Political Economy | 3 |
| SSCI 204 | States, Markets, and Society | 3 |
| SSCI 355 | Regional Economic Development | 3 |
| SSCI 389 | Urban Planning Analysis | 3 |
| SSCI 486 | Program Evaluation | 3 |
| or PS 408 | Methods of Policy Analysis | |
| SSCI 480 | Introduction to Survey Methodology | 3 |
| SSCI 381 | Computational Social Science | 3 |
| or PS 332 | Politics of Science and Technology | |
| or PHIL 360 | Ethics | |
| Policy Elective - choose one course | | 3 |
| PS 329 | Environmental Politics and Policy | 3 |
| PS 338 | Energy Policy | 3 |
| SSCI 319 | Comparative Health Systems | 3 |
| SSCI 354 | Urban Policy | 3 |

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|---|---|---|
| SSCI 378 | Innovation Policy | 3 |
| SSCI 493 | Public Service Internship | 3 |
| **Mathematics Requirements** | | **(4)** |
| MATH 148 | Preparation for Calculus | 4 |
| or MATH 151 | Calculus I | |
| or MATH 191 | Business Calculus | |
| or MATH 192 | Finite Mathematics | |
| **Natural Science and Engineering Requirements** | | **(10)** |
| See Illinois Tech Core Curriculum, section D | | 10 |
| **Computer Science Requirement** | | **(2)** |
| CS 105 | Introduction to Computer Programming | 2 |
| or CS 110 | Computing Principles | |
| **Interprofessional Projects (IPRO)** | | **(6)** |
| See Illinois Tech Core Curriculum, section E | | 6 |
| **Humanities and Social Science Requirements** | | **(21)** |
| See Illinois Tech Core Curriculum, section B and C | | 21 |
| **Free Electives** | | **(5)** |
| Select 5 credit hours. | | 5 |
| **Total Credit Hours** | | **120** |

# Bachelor of Science in Economics and Policy Curriculum

**Year 1**

| Semester 1 | Credit Hours | Semester 2 | Credit Hours |
|---|---|---|---|
| BUS 100 | 3 | BUS 102 | 3 |
| ECON 151 | 3 | BUS 221 | 3 |
| PS 200 | 3 | ECON 152 | 3 |
| Humanities Elective (200+) | 3 | PS 232 | 3 |
| MATH 148, 151, or 192 | 4 | CS 110 or 105 | 2 |
| | **16** | | **14** |

**Year 2**

| Semester 1 | Credit Hours | Semester 2 | Credit Hours |
|---|---|---|---|
| BUS 321 | 3 | ECON 312 | 3 |
| ECON 311 | 3 | PS 306 | 3 |
| PS 313 | 3 | PS 360 | 3 |
| SSCI 204 | 3 | Social Science Elective | 3 |
| Science Elective | 4 | Science Elective | 3 |
| | **16** | | **15** |

**Year 3**

| Semester 1 | Credit Hours | Semester 2 | Credit Hours |
|---|---|---|---|
| ECON 251 | 3 | ECON 382 | 3 |
| PS 332, PHIL 360, or SSCI 381 | 3 | SSCI 355 | 3 |
| SSCI 480 or 386 | 3 | SSCI 389 | 3 |
| Social Science Elective (300+) | 3 | Humanities Elective (300+) | 3 |
| Science Elective | 3 | IPRO Elective I | 3 |
| | **15** | | **15** |

**Year 4**

| Semester 1 | Credit Hours | Semester 2 | Credit Hours |
|---|---|---|---|
| ECON 423 | 3 | BUS 480 | 3 |
| PS 408 or SSCI 486 | 3 | Policy Elective | 3 |
| IPRO Elective II | 3 | Humanities or Social Science Elective | 3 |
| Social Science Elective (300+) | 3 | Free Elective | 2 |
| Free Elective | 3 | Humanities Elective (300+) | 3 |
| | **15** | | **14** |

**Total Credit Hours: 120**