

# BACHELOR OF SCIENCE IN BUSINESS AND PSYCHOLOGY\*

The Bachelor of Science in Business and Psychology degree is an innovative STEM cross-disciplinary program that educates students in business and psychology and the interface between the two disciplines. The scope and sequence of psychology courses provide students with a foundation in the interdisciplinary science of psychology, including statistics and research, social psychology, developmental psychology, cognition, and personality. Business courses provide a foundation in economics, accounting, innovation, operations, marketing, strategic management and organizational behavior. Students completing this program should be able to understand the relationships between these two dynamic fields that pertain to explaining and addressing human behavior and business practices.

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.

Business and Psychology 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 Psychology at its Lewis College of Science and Letters have refined business and psychology 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 Business and Psychology 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 Business and Psychology builds on Stuart's and Lewis's prestige in business and the sciences, as well as a tradition of impactful undergraduate education that leads to career success for graduates. The innovative program, which offers students both business and behavioral perspectives that are particularly relevant to marketing and management, requires the successful completion of 126 credit hours.

\* indicates that this program is an Incubator Program. Please visit Incubator Programs for more information.

## Required Courses

Code	Title	Credit Hours
<b>Business Courses</b>		<b>(36)</b>
<b>Required Courses</b>		
BUS 100	Introduction to Business and Economics	3
BUS 102	Introduction to Business Analytics	3
ECON 151	Microeconomics	3
ECON 152	Macroeconomics	3
BUS 211	Financial Accounting	3
BUS 212	Managerial Accounting	3
BUS 301	Organizational Behavior	3
BUS 305	Operation and Supply Chain Analytics	3
BUS 321	Analytics for Optimization	3
BUS 351	Financial Decision Making and Capital Budgeting	3
BUS 371	Marketing Fundamentals	3
BUS 480	Strategic Management and Design Thinking	3
<b>Psychology Courses</b>		<b>(28)</b>
<b>Required Psychology Courses</b>		
PSYC 204	Research Methods in Behavioral Science	4
PSYC 221	Introduction to Psychological Science	3
PSYC 301	Industrial Psychology	3
PSYC 303	Introduction to Psychopathology	3
PSYC 310	Social Psychology	3
PSYC 320	Applied Correlation and Regression	3
or PSYC 409	Psychological Testing	
Psychology electives - choose 3 courses from the following:		9
PSYC 250	Introduction to Leadership: Concepts and Practices	3

Any 300 level course or any 400 level Psychology course

<b>Mathematics Requirement</b>	<b>(7)</b>
MATH 191 Business Calculus	3
or MATH 148 Preparation for Calculus	
or MATH 151 Calculus I	
or MATH 192 Finite Mathematics	
PSYC 203 Undergraduate Statistics for the Behavioral Sciences	4
<b>Computer Science Requirement</b>	<b>(2)</b>
CS 105 Introduction to Computer Programming	2
or CS 110 Computing Principles	
<b>Natural Science Requirements</b>	<b>(10)</b>
See Illinois Tech Core Curriculum, section D	10
Recommended Courses: PSYC 411, PSYC 414	
<b>Interprofessional Projects (IPRO)</b>	<b>(6)</b>
See Illinois Tech Core Curriculum, section E	6
<b>Humanities and Social Science Requirements</b>	<b>(31)</b>
See Illinois Tech Core Curriculum, section B and C	21
Free Electives	10
<b>Total Credit Hours</b>	<b>120</b>

PSYC 303	3 PSYC Elective	3
Humanities Elective (300+ Level)	3 Social Science Elective (300+ Level)	3
Social Science Elective (300+ Level)	3 IPRO Elective I	3
		<b>15</b>
		<b>15</b>
<b>Year 4</b>		
<b>Semester 1</b>	<b>Credit Hours</b>	<b>Semester 2</b>
		<b>Credit Hours</b>
Free Elective	3	BUS 480
PSYC Elective	3	PSYC Elective
Humanities Elective (300+ Level)	3	Humanities or Social Science Elective
Free Elective	3	Free Elective
IPRO Elective II	3	
		<b>15</b>
		<b>12</b>

**Total Credit Hours: 120**

\* indicates that this program is an Incubator Program. Please visit Incubator Programs for more information.

## Bachelor of Science in Business and Psychology\* Curriculum

		Year 1	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 100	3	BUS 102	3
ECON 151	3	ECON 152	3
Humanities Elective (200 Level)	3	PSYC 221	3
Natural Science Elective	3	Natural Science Elective	3
MATH 148	4	CS 110	2
		<b>16</b>	<b>14</b>

		Year 2	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 211	3	BUS 212	3
BUS 321	3	BUS 301	3
Natural Science Elective	4	BUS 351	3
PSYC 203	4	PSYC 204	4
PSYC 301	3	PSYC 310	3
		<b>17</b>	<b>16</b>

		Year 3	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 305	3	PSYC 320 or 409	3
BUS 371	3	Social Science Elective	3