

BACHELOR OF SCIENCE IN BUSINESS ANALYTICS

Code	Title	Credit Hours
Core Business Requirements (48)		
BUS 100	Business in the 21st Century	3
BUS 102	Business Analytics Fundamentals	3
ECON 151	Microeconomics	3
ECON 152	Macroeconomics	3
BUS 211	Financial Accounting	3
BUS 212	Managerial Accounting	3
BUS 221	Business Statistics	3
BUS 301	Organizational Behavior	3
BUS 305	Operation and Supply Chain Analytics	3
BUS 311	Strategic Cost Management	3
BUS 321	Analytics for Optimization	3
BUS 341	Business Ethical and Legal Environment	3
BUS 351	Financial Decision Making and Capital Budgeting	3
or ECON 423	Economics of Capital Investments	3
BUS 371	Marketing Fundamentals	3
ECON/BUS 382	Business Economics	3
BUS 480	Strategic Management and Design Thinking	3
Business Analytics Requirement (12)		
ECON 251	Introduction to Econometrics	3
BUS 473	Marketing Analytics	3
BUS 475	Sales Management and Analytics	3
BUS 484	Data Analytics and Visualization	3
Business Analytics Elective (3)		
Choose a business, applied math, statistics, or other course related to business analytics		3
Mathematics Requirement (4)		
MATH 148	Preparation for Calculus ¹	4
or MATH 191	Business Calculus	
or MATH 192	Linear Mathematics	
or MATH 151	Calculus I	
Natural Science and Engineering Requirements (10)		
See Illinois Tech Core Curriculum, section D		10
Humanities and Social Science Requirements (21)		
See Illinois Tech Core Curriculum, section B and C		21
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
Free Electives (14)		
Select 14 hours of electives		14
Total Credit Hours		120

¹ If a student chooses MATH 192 (3 credits), the students need to take one more free elective credit to satisfy the 120-credit limit.

		Year 1	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 100	3	BUS 102	3
ECON 151	3	BUS 221	3
MATH 148	4	ECON 152	3
CS 105	2	Science Elective	4
Humanities Elective (100 Level Course)	3	Social Sciences (100 Level Course)	3
15		16	
		Year 2	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 211	3	BUS 212	3
BUS 301	3	BUS 341	3
BUS 321	3	BUS 351 or ECON 423	3
Science Elective	3	BUS 371	3
Social Sciences Elective (200+ Level Course)	3	Humanities Elective (200+ Level Course)	3
15		15	
		Year 3	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 311	3	BUS 305	3
ECON 251	3	ECON 382 or BUS 382	3
Science Elective	3	BUS 484	3
Social Sciences Elective (200+ Level Course)	3	Humanities Elective (200+ Level Course)	3
IPRO Elective I	3	IPRO Elective II	3
15		15	
		Year 4	
Semester 1	Credit Hours	Semester 2	Credit Hours
BUS 473	3	BUS 475	3
Business Analytics Elective	3	BUS 480	3
Humanities or Social Science Elective	3	Free Elective	3
Free Elective	3	Free Elective	3

Free Elective	3 Free Elective	2
	15	14
Total Credit Hours: 120		