Business Intelligence & AI

Bachelor of Science in Business Administration
Catalog Year 2026-2027

Program Overview

Our Business Intelligence and AI program prepares you to harness the transformative power of data and AI in today's business landscape. Through our cutting-edge curriculum, you'll develop expertise analytics, and artificial intelligence applications while cultivating critical ethical judgment and decision-making capabilities. Graduate ready to leverage emerging technologies that translate complex data into strategic insights, driving innovation and creating sustainable competitive advantages for organizations across industries.

Academic Advising

It is recommended that students meet with an advisor regarding their individualized degree plan at least once per year.

Business School Advising

undergrad.advising@ucdenver.edu , https://business.ucdenver.edu/current-students/undergraduate-advising
Business School Building, floor 4, 303-315-8110

General Graduation Requirements & Policies

All CU Denver Business students are required to complete the following minimum general graduation requirements:

1. Complete a minimum of 120 applicable course hours.
2. Achieve a minimum 2.0 CU cumulative grade point average (GPA) and business GPA.
3. Complete a minimum of 45 upper division (3000/4000 level) credits.
4. Complete a minimum of 30 CU Denver business course hours in good standing.

Course Schedule & Delivery Modes

CU Denver offers courses in both in person (IP) and online (OL) delivery modes. Students may complete this degree either entirely in person OR entirely online. Students that need to take classes either online or in person will need to pay attention to when courses are offered in the format needed. Below are the required classes for this major and when they are generally offered in person and online. Students will need to choose core classes and electives that meet their individual needs: COURSE SCHEDULES ARE SUBJECT TO CHANGE!

	When	Fall	Spring	Summer
Core Classes				
ENGL 1020	Semester 1	IP & OL	IP & OL	IP & OL
ENGL 2030	Semester 2	IP & OL	IP & OL	IP & OL
MATH 1060 Finite Math	Semester 1	IP & OL	IP & OL	OL
Social Sciences: ECON 2012	Semester 3	IP & OL	IP & OL	IP & OL
Graduation Requirements for Business				
UNIV 1110 College Success	Semester 1	IP & OL	IP & OL	-
COMM 2050 Business and Professional Speaking	Semester 2	IP & OL	IP & OL	OL
ECON 2022 Principles of Economics: Microeconomics	Semester 4	IP & OL	IP & OL	IP & OL
ENGL 3170 Business Writing	Semester 4	IP & OL	IP & OL	OL
ISMG/MGMT 4900 Project Management and Practice	Semester 7 or 8	IP & OL	IP & OL	Either IP or OL
Business Core:				
BUSN 2110+BUSN 3110	Semesters 2 & 3	IP & OL	IP & OL	-
ISMG 2050 Introduction to Business Problem Solving	Semester 2	IP & OL	IP & OL	OL
BANA 2010 Business Statistics	Semester 3	IP & OL	IP & OL	IP & OL
ACCT 2200 Financial Accounting & Financial Statement Analysis	Semester 3	IP & OL	IP & OL	Either IP or OL
ACCT 2220 Managerial Accounting and Professional Issues	Semester 4	IP & OL	IP & OL	OL
BLAW 3050 Business Law and Ethics	Semester 6	IP & OL	IP & OL	OL
BANA 3000 Operations Management	Semester 7	IP & OL	IP & OL	IP & OL
FNCE 3000 Principles of Finance	Semester 6	IP & OL	IP & OL	OL
ISMG 3000 Technology in Business	Semester 5	IP & OL	IP & OL	OL
MGMT 3000 Managing Individuals and Teams	Semester 5	IP & OL	IP & OL	OL
MKTG 3000 Principles of Marketing	Semester 5	IP & OL	IP & OL	OL
MGMT 4500 Business Policy and Strategic Management	Semester 8	IP & OL	IP & OL	OL (May)
BA & AI Required Classes				
ISMG 3110 Data Governance, Ethics & AI Accountability	Semester 5 or 6		IP&OL	-
ISMG 3500 Business Data & Database Management	Semester 5 or 6	OL	IP	-
ISMG 4400 Python Programming Fund.	Semester 5 or 6	IP	OL	-
ISMG 4730 The Fundamentals of AI-driven Business Decisions	Semester 7 or 8		IP&OL	-
BANA 4110 Business Analytics Process	Semester 6 or 7	IP	-	-
BANA 4130 Data Visualization and AI Application (NEW)	Semester 7 or 8	IP & OL		-
BANA 4140 Business Analytics and AI for Decision-Making (NEW)	Semester 7 or 8		IP & OL	
ELECTIVE: ISMG 4750 or BANA 4120 (recommended)	Semester 7 or 8	IP & OL	IP	-

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Sample Academic Plan of Study

The following academic plan is a ***sample*** pathway to completing degree requirements. This schedule can be adjusted to accommodate AP, IB, and/or CLEP credits, as well as courses taken during the summer sessions. Students should tailor this plan based on transfer credit, course availability, and individual preferences related to course load, schedules, and add-on programs such as minors or double majors. Students must complete an experiential learning credit (internship, study abroad program, or project-based course) and a capstone course taken in their final semester. **This plan assumes that the foreign language graduation requirement has been completed with high school courses or proficiency exam.**

Semester 1	Credits
ENGL 1020 Core Composition I	3
MATH 1060 Finite Math	3
Arts, Humanities, OR Behavioral Science	3
Arts, Humanities, OR Behavioral Science	3
UNIV 1110 College Success	1
TOTAL SEMESTER HOURS	13

Semester 2	Credits
ISMG 2050 Intro to Business Problem Solving	3
ENGL 2030 Core Composition II	3
COMM 2050 Business and Professional Speaking	3
Natural and Physical Sciences	3
Arts, Humanities, OR Behavioral Science	3
BUSN 2110 Cultivating Emotional Intelligence	1
TOTAL SEMESTER HOURS	16

Semester 3	Credits
ACCT 2200 Financial Accounting and Financial Statement	3
BANA 2010 Business Statistics	3
Social Sciences: ECON 2012 Macroeconomics	3
ENGL 3170 Business Writing	3
General Elective *(or Regional Expertise/ Language)*	3
BUSN 3110 Career & Professional Development	1
TOTAL SEMESTER HOURS	16

Semester 4	Credits
ACCT 2220 Managerial Accounting and Professional Issues	3
ECON 2022 Microeconomics	3
Natural and Physical Sciences with a Lab	4
General Elective *(or Regional Expertise/ Language)*	3
General Elective *(or Regional Expertise)*	3
TOTAL SEMESTER HOURS	16

Semester 5	Credits
ISMG 3500 Business Data & Database Mgmt.	3
BLAW 3050 Business Law and Ethics	3
BANA 3000 Operations Management	3
ISMG 3000 Technology in Business	3
MGMT 3000 Managing Individuals and Teams	3
TOTAL SEMESTER HOURS	15

Semester 6	Credits
ISMG 4400 Python Programming Fund.	3
ISMG 3110 Data Governance, Ethics & AI Accountability	3
FNCE 3000 Principles of Finance	3
MKTG 3000 Principles of Marketing	3
BANA or ISMG Elective	3
TOTAL SEMESTER HOURS	15

Semester 7	Credits
BANA 4110 Business Analytics Process	3
BANA 4130 Data Visualization and AI Application	3
Cultural Diversity	3
International Studies/Perspectives	3
General Elective	2
TOTAL SEMESTER HOURS	14

Semester 8	Credits
Experiential Learning	3
ISMG 4730 The Fundamentals of AI-driven Business	3
BANA 4140 Business Analytics and AI for Decision-Making	3
MGMT 4500 Business Policy and Strategic Management	3
International Studies/Perspectives	3
TOTAL SEMESTER HOURS	15

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DEGREE REQUIREMENTS

Courses	Credits	Prerequisites	Term	Credits	Grade
*Students are responsible for consulting advisors for current prerequisite and scheduling information as they change regularly					
Required CU Denver Core Curriculum Coursework	**34**				
ENGL 1020	3				
ENGL 2030	3	ENGL 1020			
MATH 1060 Finite Math	3				
Arts	3				
Humanities	3				
Behavioral Sciences	3				
Social Sciences: ECON 2012	3				
Natural and Physical Sciences **with lab**	4				
Natural and Physical science	3				
Cultural Diversity	3	Junior Standing - BUSN/MGMT 4100 recommended			
International Perspectives	3	INTB 4400 or INTB 4200 required			
Graduation Requirements for Business	**13**				
UNIV 1110 College Success	1	Only required for entering first term freshmen			
COMM 2050 Business and Professional Speaking	3				
ECON 2022 Principles of Economics: Microeconomics	3				
ENGL 3170 Business Writing	3	Sophomore standing			
Experiential Learning	3	(ISMG 4900 or Internship)			
Business Core	**35**				
BUSN 2110+BUSN 3110	2	1 credit each			
ISMG 2050 Introduction to Business Problem Solving	3				
BANA 2010 Business Statistics	3	MATH 1060 with **C-** or better			
ACCT 2200 Financial Acct and Statement Analysis	3	MATH 1060 with **C-** or better			
ACCT 2220 Managerial Acct & Professional Issues	3	ACCT 2200 with **C-** or better			
BLAW 3050 Business Law and Ethics	3	45 + credits complete			
BANA 3000 Operations Management	3	ACCT 2200, BANA 2010 with **C-** or better & 45 + credits			
FNCE 3000 Principles of Finance	3	MATH 1060, ACCT 2200, BANA 2010 with **C-** or better, ECON 2012, ECON 2022 & 45 + credits complete			
MGMT 3000 Managing Individuals and Teams	3	45 + credits complete			
MKTG 3000 Principles of Marketing	3	45 + credits complete			
ISMG 3000 Technology in Business	3	BANA 2010, COMM 2050 with **C-** or better & 45+ credits			
MGMT 4500 Business Policy and Strategic Management	3	All Business Core with **C-** or better			
International Studies	**3**				
ACCT 4370, MKTG/INTB 4200, FNCE/INTB 4370, MGMT/INTB 4400, RISK 4509	3	Choose one (can double count with International Perspectives Core)			
Major: Information Systems	**24**				
ISMG 3110 Data Governance, Ethics & AI Accountability	3				
ISMG 3500 Business Data & Database Management	3	45+ credits, ISMG 2050 with **C-** or better			
ISMG 4400 Python Programming Fund.	3	60+ credits, Coreq: ISMG 3000			
ISMG 4730 The Fundamentals of AI-driven Business Decisions	3	60+ credits, ISMG 4400			
BANA 4110 Business Analytics Process	3	BANA 2010, MATH 2830, CSCI 2980, or ECON 3811			
BANA 4130 Data Visualization and AI Application (NEW)	3	BANA 2010, MATH 2830, CSCI 2980, or ECON 3811			
BANA 4140 Business Analytics and AI for Decision-Making (NEW)	3	BANA 2010, MATH 2830, CSCI 2980, or ECON 3811			
BANA or ISMG Elective	3				
Language Proficiency Level 1 and 2 or Regional Expertise	**10***	*If proficiency is met, student is responsible for completing 10 additional electives			
Other Courses-Electives	**1**	*11 if language proficiency is met			
Total Credit Hours: 120					