

BUSINESS INTELLIGENCE AND AI, BS IN BUSINESS ADMINISTRATION

Introduction

Please [click here](#) to see Business School information.

The Business Intelligence and Artificial Intelligence program prepares students with the practical and analytical skillsets required to harness AI technologies for business innovation and competitive advantage. We help students build an adaptable knowledge base for continued career advancement by developing expertise in data analytics, AI applications, and ethical AI implementation. Upon completion of our program, students will be able to strengthen organizational decision-making by leveraging AI tools, implementing data-driven solutions, and fostering a culture of technological innovation while maintaining ethical considerations.

Undergraduate Options

The Business School at the University of Colorado Denver offers a bachelor of science in business administration where you may choose Business Intelligence and AI as your primary core specialty.

- Business Intelligence and AI, Bachelor of Science in Business Administration degree

Career Opportunities

Careers in business intelligence and artificial intelligence continue to experience unprecedented growth across all business sectors and industries. A student completing the Business Intelligence and AI program curriculum will be prepared for challenging careers as a business intelligence analyst, data analyst, AI solutions consultant, predictive analytics specialist, data scientist, business analytics manager, and data visualization specialist. Employment possibilities include financial services, healthcare, technology, retail, e-commerce, consulting firms, government agencies, and virtually any organization with data-driven decision-making needs.

Business intelligence and artificial intelligence are now fundamental to organizational competitiveness and innovation, and a thorough understanding of data analytics and AI technologies in business and in the national and global economy is essential for every business professional. The Business Intelligence and Artificial Intelligence major focuses on the effective deployment of data analytics tools and AI technologies in business. You will be equipped with analytical and statistical thinking applicable to all areas of business and a strong foundation for continued career growth in rapidly expanding professions. You will develop the technical skills in Python programming and data management, business acumen in translating data to insights, and strategic insights required for the assessment, implementation, and management of data analytics and AI resources and services, including the development, operation, and evolution of analytical infrastructure for use across all business functions including finance, marketing, operations, and strategic planning.

Program Delivery

- This is an on-campus program.

Declaring This Major

- [Click here](#) to go to information about declaring a major.

Program Requirements

The courses emphasize both team and individual work, allowing students to gain critical thinking skills, knowledge and experience to analyze data, design analytical solutions, implement AI applications, and translate complex information into actionable business insights.

Code	Title	Hours
ISMG 3110	Data Governance, Ethics, and AI Accountability	3
ISMG 3500	Business Data and Database Management	3
ISMG 4400	Programming Fundamentals with Python	3
ISMG 4730	The Fundamentals of AI-driven Business Decisions	3
BANA 4110	Business Analytics Process	3
BANA 4130	Data Visualization and AI Application	3
BANA 4140	Business Analytics and AI for Decision-Making	3
Select one upper division BANA or ISMG electives.		3
Total Hours		24

Notes

Not all Business Analytics and Information Systems courses are offered every semester - so please make sure to contact advising to plan ahead.

Students also have the opportunity to continue their education with an MS in Business Analytics or a MS in Information Systems. The BANA/ISMG 4+1 program allows students to potentially complete the BS and MS degrees in as little as five years through substituting two graduate courses for two undergraduate courses. The graduate courses count towards both the BS and MS degrees.

If you are considering this 4+1 program, make sure to contact your advisor immediately so that you can appropriately plan your coursework. You can do this by emailing undergrad.advising@ucdenver.edu.