

BUSINESS INFORMATION SYSTEMS, B.S.

The Bachelor of Science in Business Information Systems program will prepare students with the skills needed to work in the information technology industry. The program is designed as a bridge between business and technology. Different from a pure computer science program or a traditional business program, this program equips student with both business knowledge and technical skills. Students will learn how to design a business-strategic plan aligning with technology and information system principals.

The Requirements for Admission to this Degree Program Are:

- A minimum cumulative undergraduate grade point average (CGPA) of 2.5
- A minimum CGPA of 2.5 in all Business course

Incoming students may transfer up to 50% of the School of Business courses required in the major, pending department evaluation for transfer equivalency. Once matriculated at NJCU, transfer students must complete at least 30 credits at NJCU to satisfy the university's residency requirement. Students must also maintain a GPA of 2.5 or better in courses taken in the School of Business. Students must earn a grade of C or higher in each School of Business course (ACCT, BUSI, ECON, FINC, MGMT, MKTG) used in fulfillment of a graduation requirement.

Code	Title	Credits
Common Core Requirements (33 credits)		
MGMT 225	Business Enterprise Applications	3
MGMT 251	Operations and Project Management Fundamentals	3
ECON 203	Business Statistics	3
MGMT 211	Principles of Management	3
MKTG 231	Principles of Marketing	3
MGMT 241	Global Business	3
ACCT 251	Financial Accounting	3
ACCT 252	Management Accounting	3
MGMT 235	Business Law I: Legal Environment of Business	3
FINC 371	Managerial Finance	3
MGMT 411	Business Policy	3
Specialization Requirements (30 credits)		
FINC 221	Foundations of Business Information Systems	3
FINC 222	Ethical and Social Issues in Business Information Systems	3
FINC 310	Basics of Business Telecommunications and Technology Infrastructure	3
FINC 312	Analysis and Design of Business Information Systems	3
FINC 305	Introduction to Data Science	3
FINC 405	Programming Basics for Business Analytics and Data Science	3
FINC 412	Principles of Business Information Systems Security and Risk Management	3

FINC 415	Basics of Data Collection, Data Warehousing, and Data Cleansing (Basics of Data Collection, Data Warehousing and Data Cleansing)	3
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FINC 417	Principles of Business Information Systems Project Management	3
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FINC 495	Capstone in Data Science	3
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Recommended Electives (12 credits)

Students may choose to take 12 credits as business information systems electives OR 18 credit as minor in Data Science, for example, or other minor. Electives can be chosen from any of the data science courses and other courses with the approval of the advisor.

General Education Courses Required

MATH 164	Pre-Calculus for Business Students	4
or ECON 211	Business and Economic Statistics	
ECON 207	Principles of Economics:Macro	3
ECON 208	Principles of Economics:Micro	3

Upon completion of the B.S program in Business Information Systems, students will be able to:

- SLO1: Apply theoretical and technical knowledge to develop effective Business Information Systems
- SLO2: Analyze a given set of managerial and organizational requirements and implement a BIS solution to meet these requirements.
- SLO3: Communicate business concepts effectively through oral presentation.
- SLO4: Assess the implications of ethical issues and the place of social responsibility in sustainable business practices.
- SLO5: Collaborate productively as part of a team.
- SLO6: Support the delivery, use and management of BIS within an information system environment.