MISSION

The Information Systems and Informatics Program (BS-ISI) is a bachelor of science degree program that provides students with a detailed understanding of the theory and practice of information systems through courses in business, information management, and computer science. The program:

- includes an integrated blend of business and computer knowledge
- prepares students to design, develop, and implement state-of-the-art information systems
- provides hands-on experience that synthesizes conceptual and technical knowledge
- trains students for managerial decision making, statistical modeling, and advanced analytics
General Education: 36-42 credits
(see course catalog for details)
Pathways Core (12 credits)
Flexible Core (18 credits)
Must include MTH 121, or 123, or 130
College Option (6-12 credits)
Pre-Major Requirements: 35-38 credits
All students must take:
ACC 114 Intro to Accounting (4 credits)
BUS 160 Business Law (3 credits)
BUS 215 Information Management (4 credits)
CSC 126 Intro to Computer Science (4 credits)
ISI 300 Info Structures for Bus (4 credits)
ECO 111 Intro to Micro Economics (4 credits)
ECO/MGT 230 Intro to Statistics (4 credits)
MGT 110 Org Theory and Management (4 credits)
Plus one of the following math courses
MTH 221, 230, 251, 252 (4-7 credits)
Information Systems Core Courses: 18 credits
All students must take:
ISI 205 Data Comm and IT Infrastructure (4 credits)
ISI 352 Intro to Systems Analysis and Design (4 credits)
ISI 490 Capstone Project in Info Systems (4 credits)
CSC 226 Web Database Applications (2 credits)
CSC 315 Intro to Database Mgt Systems (4 credits)
Information Systems Concentration 12 credits
All students must take at least two courses from one
concentration area and at least one course from the second
concentration area.
CONCENTRATION 1:
ISI 315 Information Security and Risk Mgt (4 credits)
ISI 334 Bus. Intelligence and Analytics (4 credits)
ISI 364 Enterprise Computing Strategies (4 credits)
ISI 374 Information Systems Project Mgt (4 credits)
CONCENTRATION 2
CSC 421 Internet Data Comm and Security (4 credits)
CSC 424 Database Management Systems (4 credits)
CSC 458 Mobile Application Dev (4 credits)
Free Electives 10-19 credits
Total Credits 120 credits
A minimum GPA of 2.5 is required for admission to
and continuation in the Information Systems major and
for graduation.

Visit the BS-ISI Website at http://cis.csi.cuny.edu
OR CONTACT OUR PROGRAM COORDINATORS
Marketing Department
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Computer Science Department
Professor Zhanyang Zhang
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Career Opportunities
The BS-ISI program prepares
students for careers as:
• Business and systems analysts
• Application/software architects
• Web designers and developers
• Database administrators
• Information systems consultants
• Information Systems managers
• Network Security specialists
• Project managers
• Data scientists
• Social media managers
• System integrators
• Cloud/data center managers
• Information System acquisitioners
• Information System strategists

The US Department of Labor anticipates that there will
be over 390,000 new jobs in ISI-related fields by 2022.