BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS AND ACCOUNTING

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There is a great industry demand for students who wish to specialize in computer information systems with applications in accounting.

In the digital age, the languages of business and technology are mutually inclusive. Dual competency doubles your skillset and positions you for success in a multitude of roles. We'll teach you to design and maintain financial databases, assess the cost of hardware and software, and manage teams of IT professionals. These skills are crucial to commercial businesses, hospitals, banks, law offices and nonprofit organizations.

As the architect of a company's technological infrastructure, you'll implement and secure its accounting information system. You'll ensure that financial information is accurate and accessible to managers, CFOs, auditors and others. These responsibilities prepare you for leadership roles as an information technology accountant, systems auditor, IT director and chief information officer.

The BS in Computer Information Systems and Accounting requires 122 credits as outlined here:

Please see footnotes for additional information.

Code	Title	Credits
University Curriculum (http://catalog.qu.edu/academics/university-curriculum/)		**46**
Business Core Curriculum		**28**
Accounting Coursework [1]		
AC 305	Intermediate Accounting I	3
AC 306	Intermediate Accounting II	3
AC 326	Accounting Data Analytics	3
AC 350	Data Analysis With Excel	3
or CIS 350	Data Analysis with Excel (AC 350)	
AC 411	Auditing Theory and Practice	3
AC 431	Federal Income Taxation of Individuals	3
Accounting Electives		**6**
Select six additional credits in any AC course at the 300 level or above		
Computer Information Systems Coursework		
CIS 225	Systems Analysis and Design	3
CIS 245	Programming With Python	3
CIS 351	Database Programming and Design	3
CIS 440	IT Project Management	3
Open Electives		**12**
Total Credits		**122**

[1] It is the student's responsibility to ensure they meet their state's requirements for sitting for the CPA exam.

This is a *recommended* plan of study as course plans are subject to change. Course availability, potential transfer credits, and course prerequisite completion may influence the final course schedule for each program.

Course	Title	Credits
First Year		
Fall Semester		
FYS 101	First-Year Seminar (UC Foundations Inquiry)	3
EN 101	Introduction to Academic Reading and Writing (UC First Year Writing)	3
SB 101	The Business Environment (Business Core Curriculum)	3
EC 111	Principles of Microeconomics (UC Social Science)	3
MA 170	Probability and Data Analysis (UC Math)	3
	Credits	**15**
Spring Semester		
EN 102	Academic Writing and Research (UC First Year Writing)	3
CIS 101	Introduction to Applied Ai and Business Analytics	3
EC 272	Advanced Applied Statistics	3
AC 211	Financial Accounting	3
Business Core Curriculum		3
	Credits	**15**
Second Year		
Fall Semester		
AC 212	Managerial Accounting	3
AC 305	Intermediate Accounting I	3
EC 112	Principles of Macroeconomics (UC Social Science)	3
Business Core Curriculum		3
Business Core Curriculum		3
SB 250	Career Planning and Development	1
	Credits	**16**
Spring Semester		
AC 306	Intermediate Accounting II	3
CIS 225	Systems Analysis and Design	3
CIS 245	Programming With Python	3
Business Core Curriculum		3
Business Core Curriculum		3
	Credits	**15**
Third Year		
Fall Semester		
AC 431	Federal Income Taxation of Individuals	3
CIS 351	Database Programming and Design	3
Business Core Curriculum		3
UC Disciplinary Inquiry		3
UC Disciplinary Inquiry NS+L		4
	Credits	**16**
Spring Semester		
AC 326	Accounting Data Analytics	3

AC 350	Data Analysis With Excel	3
or CIS 350	or Data Analysis with Excel (AC 350)	
UC Personal Inquiry		3
UC Personal Inquiry		3
UC Disciplinary Inquiry		3
	Credits	**15**
Fourth Year		
Fall Semester		
AC 411	Auditing Theory and Practice	3
CIS 440	IT Project Management	3
UC Personal Inquiry		3
UC Personal Inquiry		3
SB 420	Strategic Management Integrated Seminar	3
	Credits	**15**
Spring Semester		
Accounting Elective		3
Accounting Elective		3
Open Elective		3
Open Elective		3
Open Elective		3
	Credits	**15**
	Total Credits	**122**

Student Learning Outcomes

Students who graduate with this degree will demonstrate:

1. **Business Knowledge:** Students apply basic business theories and concepts to understand and solve business problems.
2. **Business Analytics**: Students effectively gather, assess and utilize data to understand, improve and communicate business decisions using Excel and other analytical tools.
3. **Communication**: Students communicate business ideas effectively through written communications, oral communications and presentations, and digital media.
4. **Critical Thinking:** Students utilize information and research findings to analyze problems and determine appropriate solutions.
5. **Business Ethics:** Students apply ethical frameworks to evaluate situations and determine appropriate solutions.
6. **Cultural Adaptability:** Students recognize and apply knowledge of diversity within and across individuals and groups.
7. **Professionalism:** Students exhibit professional behavior, including a strong work ethic in their classes, in their interactions with faculty, staff and colleagues, and in their team assignments.

Admission Requirements: School of Business

The requirements for admission into the undergraduate School of Business programs are the same as those for admission to Quinnipiac University.

Admission to the university is competitive, and applicants are expected to present a strong college prep program in high school. Prospective first-year students are strongly encouraged to file an application as early in the senior year as possible, and arrange to have first quarter grades sent from their high school counselor as soon as they are available.

For detailed admission requirements, including required documents, please visit the **Admissions** page of this catalog.

Seamless Transfer Agreement with Gateway Community College (GCC), Housatonic Community College (HCC) and Norwalk Community College (NCC)

Under this Transfer Agreement, GCC, HCC and NCC graduates will be guaranteed admission into a bachelor's degree program with third year (junior) status at Quinnipiac University on the condition that they:

- Graduate with an associate in arts, an associate in science in business, College of Technology engineering science, nursing or an allied health degree with a minimum cumulative GPA of 3.00 (this may be higher in specific programs).
- Satisfy all other Quinnipiac University transfer admission requirements and requirements for intended major.

Suggested Transfer Curriculum for BS in Computer Information Systems and Accounting

A minimum of 60 credits is required for transfer into the BS in Computer Information Systems and Accounting program. Below is a sample plan of study for the first two years prior to matriculation at Quinnipiac University.

Course	Title	Credits
First Year		
Fall Semester		
English I		3
Introduction to Business		3
Microeconomics		3
Business Statistics		3
History Elective		3
	Credits	**15**
Spring Semester		
English II		3
Macroeconomics		3
Financial Accounting		3
Information Systems		3
Marketing		3
	Credits	**15**
Second Year		
Fall Semester		
Managerial Accounting		3
Finance		3
International Business		3
Management		3
Art Elective		3
	Credits	**15**
Spring Semester		
Operations Management		3
Business Law		3
Science Elective with Lab		4
Social Science Elective		3

Additional Elective (Business or other)	3
Credits	**16**
Total Credits	**61**