INFORMATION TECHNOLOGY IN ACCOUNTING MAJOR (B.S.)

When technology and business environments are changing at unprecedented speed, organizations need the right people identifying opportunities, monitoring business processes, and managing risks.

Professionals trained in the specialized fields of risk advisory services, cybersecurity, and information systems audit have never been in higher demand. Pros combine deep accounting and business acumen with state-of-the-art information technology skills. Bentley is unique in offering an undergraduate major that combines these highly demanded skills.

The Information Technology in Accounting (ITA) degree at Bentley gives students the flexibility to explore the fields of risk advisory services, IT audit, internal audit, and business process consulting within a single major through courses in accounting, computer information systems, and information and process management. The ITA Major starts with courses in accounting principles and concepts, followed by specialized studies in business processes, accounting information systems, and auditing. Rounding out the curriculum are required courses in data management and governance, information security, and ERP configuration. An optional ITA-related internship is encouraged.

The ITA Major is recognized as a comprehensive-level internal auditing education partnership program (https://na.theiia.org/about-us/about-ia/Pages/Internal-Auditing-Education-Partnership-Program.aspx) by the Institute of Internal Auditors, providing students with opportunities for additional recognition and certifications upon program completion.

For further information about degree requirement policies and guidelines, see the Degree Requirements (catalog.bentley.edu/undergraduate/degree-requirements/) page.

Major Requirements

Major Courses (30 Credits)

Course	Title	Credits
Required Courses:		
AC 120	Data Analytics using Financial Information	3
AC 201	Preparing and Interpreting Financial Statements	3
AC 215	Performance Measurement	3
AC 220	Cybersecurity for Business	3
AC 340	Accounting Information Systems	3
AC 440	Design and Control of Data and Systems	3
AC 470	Financial Statement Auditing [1]	3
or AC 472	Internal Auditing	
AC 475	Information Technology Auditing Principles and Practice	3
CS 330	Enterprise Systems Configuration for Business	3
Select one AC or CS courses not otherwise required.		3
Total Credits		**30**

[1] AC 470 requires AC 311 as a pre-requisite.

The Business Environment (6 Credits)

Course	Title	Credits
CS 305	Business Processes and Systems	3
MG 300	Strategic Management	3
Total Credits		**6**

General Degree Requirements

Foundations for Success (15 Credits)

Course	Title	Credits
FDS 100	Falcon Discovery Seminar	3
Communications and Writing		
Select one from:		
EMS 101	Critical Reading and Writing	3
or EMS 101L	Critical Reading and Writing with Lab	
or EMS 102	Critical Reading and Writing for Multilingual Students	
or EMS 102L	Critical Reading and Writing for Multilingual Students with Lab	
And one from:		
EMS 104	Multimodal Communication	3
or EMS 105	Multimodal Communication for Multilingual Students	
Information Technology		
CS 100	Solving Business Problems with Information Technology	3
Mathematical Sciences		
Select one from:		
MA 105	Mathematical Foundations for Business	3
or MA 105L	Mathematical Foundations for Business with Lab	
or MA 107	Applied Calculus for Business	
or MA 107L	Applied Calculus for Business with Lab	
or MA 131	Calculus I	
or MA 131L	Calculus I with Lab	
Total Credits		**15**

Context and Perspectives (18 Credits)

Course	Title	Credits
Students must take six courses, one in each category of Context and Perspectives:		
Culture, Change, and Behavior (catalog.bentley.edu/undergraduate/degree-requirements/context-and-perspectives/#culturechangeandbehavior)		
Globalization (catalog.bentley.edu/undergraduate/degree-requirements/context-and-perspectives/#globalization)		
Institutions and Power (catalog.bentley.edu/undergraduate/degree-requirements/context-and-perspectives/#institutionsandpower)		
Race, Gender, and Inequality (catalog.bentley.edu/undergraduate/degree-requirements/context-and-perspectives/#racegenderandinequality)		
Scientific Inquiry (catalog.bentley.edu/undergraduate/degree-requirements/context-and-perspectives/#scientificinquiry)		

Values, Ethics, and Society (catalog.bentley.edu/undergraduate/degree-requirements/context-and-perspectives/#valuesethicsandsociety)

	Total Credits	18

Business Dynamics/Business Administration Minor (18 Credits)

Course	Title	Credits
All courses are required:		
AC 115	Introduction to Financial Reporting and Analysis	3
EC 111	Principles of Microeconomics	3
FI 118	Introduction to Finance	3
LA 100	Business Law	3
MG 116	Human Dynamics in Organizations	3
ST 113	Business Statistics	3
Total Credits		18

Communication Intensive

All students are required to take a three-credit course designated as a Communication Intensive. This requirement can be met within a variety of course subjects in both Arts & Sciences and Business. Communication Intensive courses are designated with a "Communication Intensive" course tag in Workday. *Transfer students with a minimum of 30 credits will be waived from the Communication Intensive requirement.*

Please note that certain majors have an additional three-credit Communication Intensive built into their major requirements, separate from the general CI requirement.

Additional Requirements

Arts and Sciences Electives (15 Credits)

Course	Title	Credits
Select five Arts & Sciences elective courses		15
Total Credits		15

Unrestricted Electives (18 Credits)

Course	Title	Credits
Select six elective courses		18
Total Credits		18

Total: 120 Credits