

INFORMATION SYSTEMS AUDIT AND CONTROL

In today's business world, many traditional accounting functions are now performed in systems that require a specialized set of technical and financial knowledge. The major in Information Systems Audit and Control (ISAC) provides you with an opportunity to combine your interests in accounting and technology — and develop a unique set of expertise in high demand by businesses.

As an ISAC major, you will take courses in accountancy, computer information systems, and information and process management. You will learn about accounting principles and concepts, and receive specialized education about accounting information systems and auditing. Other required courses focus on security, enterprise systems, design and data management.

EXPERIENTIAL LEARNING

You can choose to further your classroom knowledge through our hands-on learning programs: corporate partnerships, internships, service-learning and study abroad.

By participating in these opportunities, you will gain valuable real-world experience, learn about diverse people and perspectives, and gain new skills for living and working in a global community.

CAREERS

Businesses today need professionals who are skilled in using, designing and auditing sophisticated systems, and who are able to advise organizations about the benefits and risks associated with new, technology-based ways of conducting business.

As an ISAC major, you will be prepared to work as an auditor of information systems for internal auditing departments, software vendors or companies that have integrated sophisticated enterprise systems such as SAP. The ISAC major prepares you for a variety of careers, including:

- Information systems auditor
- Internal audit specialist
- Risk and assurance manager
- Security architect
- Technical research manager
- Business systems consultant

REQUIRED AND ELECTIVE COURSES

MAJOR REQUIREMENTS

Financial Accounting and Reporting I
Financial Accounting and Reporting II
Accounting Information Systems
Financial Statement Audit OR Internal Auditing
Information Technology Auditing Principles and Practice
Design and Control of Data and Systems
Information Security and Computer Forensics
Enterprise Systems Configuration for Business

ISAC ELECTIVES (PARTIAL LIST)

Advanced Net-Centric Computing
Project Management
Business Systems Analysis and Design
Database Management Systems
Decision Support and Business Intelligence
Fraud Examination
Internship in Accountancy
Introduction to Programming with Python
Business Processing and Communications Infrastructure

Additional requirements apply for degree completion

FOR MORE INFORMATION

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BENTLEY
UNIVERSITY

Most Bentley students pursuing a Bachelor of Science degree take the following courses:

GENERAL EDUCATION REQUIREMENTS

Information Technology
Expository Writing I
Expository Writing II
Mathematical Sciences I
Mathematical Sciences II
Government
Problems of Philosophy
Principles of Microeconomics
Principles of Macroeconomics
First-Year Seminar (one credit)

For each of the following requirements, you can choose an applicable course from a wide variety of offerings:

Literature/Cinema
Natural Sciences
Math or Natural Sciences elective
History
Behavioral Sciences
Humanities/Social Science elective

BUSINESS CORE REQUIREMENTS

Legal and Ethical Environment of Business
Tools and Concepts
in Accounting and Finance
Practice and Applications
in Accounting and Finance
Business Statistics
Marketing-Operations Fundamentals
Human Behavior and Organizations
Business Processes and Systems
Integrated Business Project
Global Strategy

BUSINESS-RELATED ELECTIVES

Choose one course

ARTS AND SCIENCES ELECTIVES

Choose five courses

UNRESTRICTED ELECTIVES

Choose two courses

TAKE IT TO THE NEXT LEVEL.

After you've selected a major, what else can you do to make your education work harder? Customize your degree with an optional second major, choose a minor or get a head start on graduate study.

LIBERAL STUDIES MAJOR You can choose to pair your business degree with the Liberal Studies major (LSM), an optional second major with eight different concentrations. The LSM is designed to help you learn how to connect your business studies with key topics in the arts and sciences, providing you with skills in critical thinking, problem solving, creative analysis and communication — all of which will help you stand out to future employers. The LSM does not require any extra courses beyond the normal curriculum requirements.

The LSM concentrations are:

- American Studies
- Diversity and Society
- Earth, Environment and Global Sustainability
- Ethics and Social Responsibility
- Global Perspectives
- Health and Industry
- Media Arts and Society
- Quantitative Perspectives

MINORS You can further specialize your studies through one of our minors.

- Accountancy
- Actuarial Science
- Business Economics
- Business Risk Assurance
- Business Studies
- Computer Information Systems
- Data Technologies
- Earth, Environment and Global Sustainability
- English and Media Studies
- Entrepreneurial Studies
- Ethics and Compliance
- Finance
- Gender Studies
- Global Management
- Health and Industry
- History
- Human Resources Management
- Information and Process Management
- Information Design and Corporate Communication
- International Affairs
- International Economics
- Law
- Leadership
- Management
- Marketing
- Mathematical Sciences
- Modern Languages
- Nonprofit Organizations
- Philosophy
- Politics
- Psychology
- Public Policy
- Sociology
- Spanish for Business
- Sports Business Management
- Supply Chain and Operations Management
- Sustainable Investing

FALCON FAST-TRACK PROGRAM The Falcon Fast-Track program is designed for motivated undergraduate students with high academic standing in ANY undergraduate major. Depending on the program of study, master's degree requirements may be completed with one year of additional full-time academic work. Students enrolled in the Falcon Fast-Track Program have the opportunity to pursue a variety of master's programs.

For more information, visit bentley.edu/fast-track.