

## ACCOUNTING INFORMATION SYSTEMS

# Accounting Information Systems



Accounting Information Systems (AIS) professionals use, design, and audit organizations' financial, managerial, tax, and compliance information systems. The AIS field merges the disciplines of Accounting and Information Systems to incorporate state-of-the-art technology into business processes to give organizations a competitive edge, while promoting information integrity and enforcing regulatory compliance. AIS professionals also design and evaluate fraud prevention and detection mechanisms. Students earning an AIS concentration can become Certified Information Systems Auditors or Certified Public Accountants.

## ACCOUNTING INFORMATION SYSTEMS CONCENTRATION REQUIREMENT

### Core Classes

- Accounting Information Systems
- Advanced AIS and IS Risk Assessment
- Network Environment and Accounting Controls
- Accounting Topics in IT Audit
- Programming and Systems Development in AIS
- Intermediate Accounting I
- Intermediate Accounting II
- Management Accounting and Control Systems

### Elective Classes

- Tax Factors of Business and Investment Decision
- Forensic Accounting
- Honors Practicum in Corporate Financial Management
- Financial Auditing
- Operational Auditing



Jen Chien, AIS Student

*Providing sound financial advice to clients of all socioeconomic classes is my steadfast passion, and majoring in Accounting Information Systems at San Jose State University will enable me to reach this goal. I believe that Accounting and IT skills go hand-in-hand and the skills students learn in AIS classes, along with being actively involved in student organizations would differentiate them from other job seekers at the same level.*



## Career Opportunities in Accounting Information Systems

With a concentration in Accounting Information Systems from SJSU you can work in any organization. You will evaluate the risk of fraud and other threats to accounting information systems and design and implement mechanisms to decrease these threats. You will incorporate technology to solve business problems and promote innovations in business processes.

Careers might take paths in areas such as IT or internal audit, forensic accounting, risk management, or litigation services - to name a few.

Potential career paths could include the following positions:

Accounting at a public accounting firm specializing in:

- Audit Control Systems
- Consulting/advisory

Public corporations – large, medium or small  
Government  
Not-for-profit firms

The opportunities in the field of accounting are boundless and you are only limited by your imagination and your desire.

### A Concentration in AIS will build unique skills

As a student in the Accounting Information Systems concentration, you will develop a strong Accounting background with technical and regulatory knowledge to ensure that the accounting systems are efficient and reliable. In addition, you will develop a strong Information Systems background that will give you the technical knowledge to design, improve, and audit accounting systems. The intersection of knowledge in accounting and information systems will make you uniquely qualified to incorporate technology innovations into business processes and lead innovations in business technology in compliance with the regulatory environment.



## ISACA SJSU

ISACA's mission is to act as a medium through which members can interact with IT/IS audit professionals. They develop unity within the society by establishing friendships and providing relationships that continue throughout the student's professional career. They also encourage social responsibility and community awareness through participation in civic activities. ISACA SJSU represents continuous effort to meet the wants, needs and demands of its membership body.

<http://www.isacasjsu.org>

## Contacts



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