

## INFORMATION SYSTEMS AUDITING & CONTROL

SPECIALIZATION IN THE BACHELOR OF  
SCIENCE IN BUSINESS ADMINISTRATION



### **CAREER OPPORTUNITIES:**

The information systems auditing and control (ISAC) specialization provides graduates with the knowledge and skills to assess the internal control environment of information systems and perform sophisticated auditing techniques of those systems. As the breadth of information technology continues to grow, the importance of protecting the organization's information from internal and external threats grows at an even more rapid pace. This growth provides a high demand for qualified individuals with a background in ISAC. While certification as a Certified Information Systems Auditor requires work experience, graduates from this program are expected to do well on the certifying examination. ISAC is popular as a double specialization among students specializing in accounting or MIS providing them with a background in financial accounting, accounting information systems, and information technology controls. ISAC graduates can apply for jobs with the following titles: Compliance Analyst, Internal Auditor, IT Auditor, Audit/Assurance Services Associate, Risk Advisory Services Specialist, Network Administrator, Database Security Administrator, Web Security Specialist.

### **STUDENT ORGANIZATIONS:**

- AMIS Club; Advisor: Ann Stott, 372-8351
- Beta Alpha Psi; Advisor: Ann Stott, 372-8351
- Specialization Faculty Advisor: Dr. Pascal Bizarro, CISA, 372-8074
- Professional Organization: NW Ohio ISACA Chapter; Dr. Pascal Bizarro, CISA, 372-8074

### **CURRICULUM:**

ISAC blends accounting and auditing with information systems and computer science. In addition to BSBA core courses, ISAC students complete the computer science component of the specialization during their sophomore year. During their junior and senior years, ISAC students take course work in:

- intermediate accounting
- accounting information systems
- database management
- systems analysis and design
- auditing
- data communications

A capstone course, information systems auditing and control, provides linkage between the accounting and management information systems disciplines.

### **SPECIAL HIGHLIGHTS:**

- Over \$55,000 in department scholarships
- The average BGSU co-op hourly wage in 2011-12 for Accounting students was \$14.84 and for MIS/ISAC students was \$15.54.
- Employment opportunities in the rapidly expanding area of information technology are abundant.
- Starting salaries for graduates are excellent.
- The ISAC specialization is in compliance with the Information Systems Audit and Control Association® (ISACA®) Model Curriculum. Graduates of this program qualify for one year work experience toward the Certified Information Systems Auditor® (CISA®) designation.
- Check out our website at [www.bgsu.edu/business/accounting-and-management-information-systems.html](http://www.bgsu.edu/business/accounting-and-management-information-systems.html)

Check out the College of Business Administration website at [www.bgsu.edu/business.html](http://www.bgsu.edu/business.html)  
Department of Accounting and Management Information Systems

Dr. David Stott, Chair  
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## INFORMATION SYSTEMS AUDITING AND CONTROL – 27 Hours

A specialization in the  
Bachelor of Science in Business Administration

Students must meet the specialization requirements in effect at the time of their admission to the BSBA degree program.

The specific requirements for the **Information Systems Auditing and Control (ISAC)** specialization are as follows:

<u>Courses</u>	<u>Course Name</u>	<u>Credit Hours</u>
CS 2010	Programming Fundamentals	(3)
ACCT 3210	Intermediate Financial Accounting I	(3)
ACCT 4510	Auditing I	(3)
ACCT 4560	Information Systems Auditing and Control	(3)
ACCT 4600	Accounting Information Systems	(3)
MIS 4210	Business Data Communication and Distributed Processing	(3)
MIS 4220	Information Systems Security	(3)
MIS 4400	Database Management	(3)
MIS 4710	Systems Analysis and Design	(3)

Students must meet prerequisites in effect at the time of course enrollment.

### **Notes:**

- A grade of "C" or better must be earned in each course for the ISAC specialization.

Students are responsible for meeting all requirements for the BSBA including specialization requirements.