

INFORMATION SYSTEMS AUDITING & CONTROL

SPECIALIZATION IN THE BACHELOR OF
SCIENCE IN BUSINESS ADMINISTRATION



ACCOUNTING &
MANAGEMENT
INFORMATION
SYSTEMS

CAREER OPPORTUNITIES:

The information systems auditing and control (ISAC) specialization provides graduates with the knowledge and skills to assess the internal control environment of complex computer-based systems and perform sophisticated auditing techniques of those systems. As the breadth of information technology and an organization's reliance on that technology continues to grow, the importance of protecting that organization's information and its technology resources 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 management information systems (MIS). The ISAC curriculum makes MIS students more marketable in today's environment by providing them with a background in financial accounting, accounting information systems, and information technology controls. The ISAC curriculum provides accounting students with a background in MIS and internal control that enhances their marketability.

STUDENT ORGANIZATIONS:

- AMIS Club; Advisor: Mr. Phil Schurrer, 372-8046
- Beta Alpha Psi; Advisor: Mr. Phil Schurrer, 372-8046

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 2007-08 for Accounting students was \$14.37 and for MIS/ISAC students was \$14.71.
- 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.business.bgsu.edu/amis/.

Check out the College of Business Administration website at www.business.bgsu.edu
Department of Accounting and Management Information Systems
Dr. David Stott, Chair
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(419) 372-2767

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 1010	Introduction to Programming	(3)
CS 2010	Introduction to Object-Oriented Programming	(3)
or		
CS 2050	Advanced Programming Concepts	(3)
ACCT 3210	Intermediate Financial Accounting I	(3)
ACCT 4600	Accounting Information Systems	(3)
ACCT 4510	Auditing I	(3)
ACCT 4560	Information Systems Auditing and Control	(3)
MIS 4700	Database Management	(3)
MIS 4210	Business Data Communication and Distributed Processing	(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.