

Information Systems Audit

Introduction

IS/IT is essential to manage transactions, information and knowledge necessary to initiate and sustain economic and social activities. These activities increasingly rely on globally cooperating entities to be successful. In many organizations, IS/IT is fundamental to support, sustain and grow the business. While many organizations recognize the potential benefits that technology can yield, the successful ones also understand and manage the risks associated with implementing new technologies.

Therefore, in many organizations especially in accounting firm as external auditor and IT-dependent company such as banking, telecommunication and oil and gas- as internal IS Auditor, the demand of Information System (IS) Auditor are growing every year. So that, BINUS University offer ISA Program to fulfil the demand of IS Auditor and preparing knowledgeable fresh graduate.

Vision

World class programme in Information Systems Audit to pursuit the innovation and enterprise in IT auditing and Assurance.

Mission

The mission of Information System Audit Program is to contribute to the global community through the provision of world-class education by :

1. Educating students with the fundamental knowledge and skills in Information System Audit, IT management, information system development to become a professional IT auditor or practicing consultant and preparing them for continuing for advanced degrees.
2. Conducting professional services which focus on information system audit on national or international standards, with an emphasis on the application of knowledge to society.
3. Recognizing and rewarding the most talented graduates by promoting them in global industry.
4. Improving the quality of life in Indonesia and the international community through information systems audit sharing knowledge to society
5. Conducting intensive applied research activities in information system audit through collaboration with global industries.

Program Objective

The objectives of the program are :

1. To provide student with a solid foundation of IT management and IS development ranging from fundamental principles to applied skills and ability in IT Governance, IT Service delivery and Support, System and infrastructure life cycle management they will need in professional career
2. To provide student with a solid foundation of information systems audit ranging from fundamental principles to applied skills and ability in IT audit process and security they will need in IS audit profession

Graduate Competency

At the end of the program, graduates will be able to :

1. Illustrate an understanding of Information System Framework
2. Analyze information requirements and business processes.
3. Design systems that are aligned with organizational goals.
4. Demonstrate knowledge necessary to provide information system (IS) audit services in accordance with IS audit standards, guidelines and best practices to assist the organization in ensuring that its information technology and business systems are protected and controlled
5. Demonstrate knowledge of protection the information assets, business continuity and disaster recovery in ensuring confidentiality, integrity, availability of information assets and timely resumption of IT services while minimizing the business impact
6. Analyze financial and valuation of information technology

Prospective Career of the Graduates

After graduate from Information Systems Audit Program, students can have career as:

- IS Auditor
- IS Risk Management and Assurance
- IS Management Advisory
- Internal Auditor
- IS Security Consultant

Curriculum

Information System Audit curriculum has developed according to ACM – Information System Curriculum combined with ISACA Model Curriculum for IS Audit and Control. According to ISACA Model Curriculum for IS audit and control the topics covered by model area consist of six content domains which are the IS audit process domain, IT Governance domain, system and infrastructure lifecycle management domain, IT service delivery and support domain, protection of information asset domain, and business continuity and disaster recovery domain. The following is the overview framework of ISACA Curriculum.

Course Structure

Sem	Code	Course Name	SCU	Total
1	CB412	CB: Self Development	2	20
	M0014	Information System Concept	4	
	T0622	Introduction to Information Technology	2	
	A1214	Accounting Principles	4	
	A1252	Operational Audit	2	
	M0374	Management Information Systems	4	
	G1372	English Entrant	2	
2	CB422	CB: Spiritual Development	2	20
	H0532	Computer Network	2	
	M0034	Information and Business Process	4	
	T1446	Algorithm and Programming	2/4	
	G1382	English in Focus	2	
	M0054	Information System Development	2/2	
3	A1274	Information System Audit Fundamental	4	24
	A1284	IS Strategy	4	
	A1294	IS Risk Management	4	
	A0572	Taxation	2	
	G1392	English Savvy	2	
	EN001	Entrepreneurship I	2	
	M0086	Information System Analysis and Design	4/2	
4	CB432	CB: Interpersonal Development	2	24
	M0564	Introduction to Database Systems	2/2	
	A0144	Financial Management	4	
	A1416	Accounting Information System*	4/2	
	A0294	Advanced Information System Audit	4	
	A0844	Introduction to IT Governance	4	
5	CB442	CB: Professional Development	2	22
	A1304	IS Control	4	
	EN002	Entrepreneurship II	2	
	M0844	Information System Security	4	
	A1314	Business Continuity and Disaster Recovery	4	
	A1264	Financial Audit	4	
	M0232	Testing and Implementation	2	
6	A0862	Information System Audit - Advance Topic	2	22
	I0284	Statistics	4	
	M0134	Project Management	4	
	I0192	Research Methodology	2	
	A1322	Computer Assisted Audit Techniques	2	
	A0894	Information Quality Assurance	4	
	A1444	Information System Audit Minor Project*	4	

Sem	Code	Course Name	SCU	Total
7	A0274	Managing Information System Audit Function	4	8
	M0224	Knowledge Management	4	
8	A1336	Thesis	6	6
	Elective Courses			
	G1402	English for Business Presentation	2	
	G1412	English for Written Business Communication	2	
TOTAL CREDIT 146				

*) Entrepreneurship Embedded

Student should pass all of these quality controlled examinations as listed below:

No	Code	Course Name	Minimum Grade
1	CB412	CB: Self Development	B
2	EN002	Entrepreneurship II	C
3	A1274	Information System Audit Fundamental*	C
4	A1294	IS Risk Management	C
5	A0844	Introduction to IT Governance*	C
6	M0844	Information System Security	C
7	A0294	Advanced Information System Audit	C
8	A0894	Information Quality Assurance*	C

*) Tutorial & Multipaper