

Accounting Information Systems

Introduction

The development of information technology impacts significantly on various fields and activities. The biggest impact can be seen in accounting practice. The changes are becoming more and more complex as there are shifts in business activities, such as in organization management, the concept of change management, and integration activities making closer ties among suppliers, customers and even competitors (Computing Curricula 2005, Information System).

As a result, the skills needed in today's IT organization are as varied as those needed in any business unit in the company. All types of skills are necessary, not just technical skills. For IT people to advance, they need to develop capabilities related to project management, financial management, performance measurement, one-on-one and group communications as well as written communications, organizational and people development, and relationship management. (Lutchen, Mark D, 2004, Managing IT as A Business : A Survival Guide for CEOs, John Wiley and Sons, Inc.).

The Accounting Information Systems program which is offered by the School of Information Systems will enable students to gain a solid business background, as well as mastering the accounting practice and management of information system, hence will develop a unique competency which will be a competitive advantage for them to succeed in today's global competition.

Vision

To be the chosen program by providing a high quality accounting information systems education to deliver graduates with international qualifications.

Mission

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

1. Recognizing and rewarding the most creative and value adding talents.
2. Educating students about analytical and problem solving skills, and good character in business information systems and information technology valuation.
3. Preparing graduates for global industry/entrepreneurship and continue for advanced degrees, by providing a conducive learning process, intensive applied research activities and collaboration with global industries.
4. Conducting professional services focusing on Accounting Information Systems with an emphasis on the application of knowledge to society.
5. Improving the quality of life for Indonesians and the international community through knowledge sharing of Business Applications.

Program Objective

The objectives of the program are :

1. To provide students with a solid foundation of accounting, business process knowledge and applied skills and abilities that they will need as a system analyst.

2. To provide students with the techniques and knowledge to evaluate the performance of information technology investment in an enterprise as an information technology investment analyst or consultant.
3. To provide students with techniques and knowledge to evaluate the success of information technology valuation and strategic as Information Technology auditor.
4. To provide students with applied business application knowledge for specific industry purposes.

Graduate Competency

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

1. Illustrate an understanding of Information Systems Framework.
2. Analyze information requirements and business processes.
3. Design systems that are aligned with organizational goals.
4. Analyze accounting information and business processes requirements.
5. Construct an information technology budget and portfolio for an enterprise and assess information technology investment performance.
6. Recommend integrated business systems.

Prospective Career of the Graduates

Work domains for the graduates of Accounting Information program are:

1. System analyst, System designer, or System development project team leader
2. Business analyst or business consultant
3. Accounting Information Systems Specialist or Information specialist
4. Information Systems Consultant
5. Management development program in a service, commerce, or industry
6. Financial evaluator or controller in a public company
7. Working in government institution or non-profit organization
8. Instructor or lecturer in the education institution
9. Working in research area
10. Develop entrepreneurship

Curriculum

The Accounting information Systems curriculum is in alignment with ACM-Information Systems Curriculum and National Standard Curriculum. The curriculum requires 146 credits and consist of information systems courses and specific courses in Accounting Information systems. The curriculum is designed to combine both IT planning and system design, as a result Graduates would be able to construct an information technology budget and portfolio for an enterprise, assess information technology investment performance, as well as analyzing business process and recommend the right integrated business system solution. The successful candidate will get an S.Kom degree. Courses are as below :

Course Structure

Sem	Code	Course Name	SCU	Total	
1	COMP6178	Introduction to Programming	2/2	20	
	ACCT6133	Introduction to Financial Accounting	4		
	ISYS6186	Business Process Fundamental	4		
	ISYS6093	Information System Concept	4		
	STAT6081	Statistics	2		
	English University Courses I				
	ENGL6128	English in Focus	2		
	ENGL6130	English for Business Presentation	2		
2	CHAR6013	Character Building: Pancasila	2	20	
	ISYS6212	Accounting Information System Development	2/2		
	ACCT6134	Intermediate Accounting	4		
	ISYS6123	Introduction to Database Systems	2/2		
	ISYS6197	Business Application Development	2/2		
	English University Courses II				
	ENGL6129	English Savvy	2		
	ENGL6131	English for Written Business Communication	2		
3	CHAR6014	Character Building: Kewarganegaraan	2	24	
	ENTR6003	Entrepreneurship I	2		
	ISYS6209	User Experience	2/2		
	ISYS6037	Manufacturing Information System	4		
	ISYS6126	Enterprise System	4		
	ACCT6117	Advanced Accounting	4		
	ISYS6198	Data & Information Management	4		

Sem	Code	Course Name	SCU	Total	
4	CHAR6015	Character Building: Agama	2	22	
	ISYS6211	Web based Application Development	2/2		
	ISYS6336	Services Information System	2		
	ISYS6015	Accounting Information Systems Analysis and Design*	4		
	ISYS6338	Testing and System Implementation	2		
	TAXN6019	Taxation	4		
	Elective Courses**				
	FINC6001	Financial Management	4		
	ISYS7158	Applied ERP I	4		
5	ENTR6004	Entrepreneurship II	2	22	
	ISYS6191	Advanced in Business Application Development*	2/4		
	ACCT6013	Cost Accounting	4		
	STAT6021	Research Methodology	2		
	ISYS6256	Information Systems Project Management	4		
	Elective Courses**				
	ACCT6010	IT Cost Management	4		
	ISYS7160	Applied ERP III	2		
ISYS7162	Applied ERP V	2			
6	Enrichment Program I		16	16	
7	Enrichment Program II		16	16	
8	ISYS6018	Thesis	6	6	
TOTAL CREDIT 146 SCU					

*) *Entrepreneurship embedded*

***) *Elective Courses: Students choose 4 credits of elective courses*

English University Courses:

-) For 1st Semester : *English University Courses I, student with score Binus University English Proficiency Test less than 500 will take English in Focus, and student with score test greater than or equal to 500 will take English for Business Presentation*

-) For 2nd Semester: *English University Courses II, student with score Binus University English Proficiency Test less than 500 will take English Savvy, and student with score test greater than or equal to 500 will take English for Written Business Communication*

Enrichment Program I (6th Semester) & Enrichment Program II (7th Semester):

-) *Student will take one of enrichment program tracks (off campus).*

Enrichment Track Scheme

Track	Semester 6						Semester 7					
	I	RS	ENTR	CD	SA	*etc	I	RS	ENTR	CD	SA	*etc
1			v						v			
2				v			v					
3					v		v					
4		v					v					
5	v						v					
6	v							v				
7	v									v		
8	v										v	

Notes:

- I : Internship
- RS : Research
- ENTR : Entrepreneurship
- CD : Community Development
- SA : Study Abroad
- *etc : Department specific needs

Notes:

Student can choose one of the available tracks

Enrichment Internship Track

Code	Course Name	SCU	Total
Enrichment I			16
ISYS6345	Experience in Industry	8	
COMM6149	Business Communication	4	
ISYS6230	Accounting Information Systems in Industry	4	
Enrichment II			16
ISYS6346	Professional Program in Industry	8	
BUSS6056	Business Ethic	4	
ISYS6231	Financial Accounting Information Systems	4	

Enrichment Entrepreneurship Track

Code	Course Name	SCU	Total
Enrichment I			16
ENTR6062	Business Start Up	8	
ENTR6145	Business Model for Technopreneur	2	
ENTR6146	Launching New Venture for Technopreneur	2	
ENTR6068	EES in New Business	4	
Enrichment II			16
ENTR6070	Growing a Business	8	
ENTR6147	Lean Start Up & Business Plan for Technopreneur	2	
ENTR6148	Venture Capital for Technopreneur	2	
ENTR6073	EES in Business Experience	4	

Enrichment Research Track

Code	Course Name	SCU	Total
RSCH6037	Research Experience	8	16
RSCH6110	Scientific Writing in Information Systems Research	4	
RSCH6039	Global EES	4	

Enrichment Community Development Track

Code	Course Name	SCU	Total
CMDV6001	Community Outreach Project Implementation	8	16
CMDV6039	Community Outreach Accounting Information System Project Design	4	
CMDV6003	Employability and Entrepreneurial Skills	4	

Enrichment Study Abroad Track*

Course Name	SCU	Total
GLOB6005	Elective Course for Study Abroad 1	16
GLOB6006	Elective Course for Study Abroad 2	
GLOB6007	Elective Course for Study Abroad 3	
GLOB6008	Elective Course for Study Abroad 4	
GLOB6009	Elective Course for Study Abroad 5	
GLOB6010	Elective Course for Study Abroad 6	
GLOB6011	Elective Course for Study Abroad 7	
GLOB6012	Elective Course for Study Abroad 8	
GLOB6013	Elective Course for Study Abroad 9	
GLOB6014	Elective Course for Study Abroad 10	
GLOB6015	Elective Course for Study Abroad 11	
GLOB6016	Elective Course for Study Abroad 12	

*)Transferred courses will be transferred based on credit transfer policies on study program with total of 16 credits.

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

No.	Code	Course Name	Minimum Grade
1	CHAR6013	Character Building: Pancasila	B
2	ENTR6004	Entrepreneurship II	C
3	ISYS6015	Accounting Information Systems Analysis and Design	C
4	ISYS6126	Enterprise System*	C
5	ISYS6198	Data & Information Management*	C
6	ISYS6256	Information Systems Project Management *	C
7	ACCT6013	Cost Accounting	C
8	ISYS6212	Accounting Information System Development	C