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.

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.

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 system 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 in Accounting Information System with an emphasis on the application of knowledge to society.
5. Improving the quality of life for Indonesians and the international community through sharing knowledge 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 analyze accounting information system as an accounting cycle system analyst or consultant.

3. To provide students with techniques and knowledge to design and construct accounting information system.

4. To provide students with applied business application knowledge for specific industry purposes.

Student Outcomes

After completing the study, graduates are:

1. Able to identify and formulate the root cause of system performance information through data analysis and information on business processes.

2. Able to identify the needs of the data base for building information systems.

3. Able to design, create and manipulate and implement computer-based information system independently or in groups through the study of information systems to develop a strategic plan at the level of small and medium organizations.

4. Able to design, create, manipulate and implement computer based information system for new business model and processes in an organization at the level of small and medium-sized.

5. Able to communicate alternative solutions development and implementation of information systems based on theory either independently or in groups in writing, designing, and prototyping.

6. Able to identify needs analysis, design and implement accounting information system in organizations.

Prospective Career of the Graduates

Work domains for the graduates of Accounting Information Systems 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.

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	21
	ISYS6212	Accounting Information System Development*	2/2	
	ACCT6134	Intermediate Accounting	4	
	ISYS6123	Introduction to Database Systems*	2/2	
	ISYS6197	Business Application Development	2/2	
	LANG6061	Indonesian	1	
	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 and Information Management	4	
4	CHAR6015	Character Building: Agama	2	22
	ISYS6336	Services Information System	2	
	ISYS6015	Accounting Information Systems Analysis and Design*/**	4	
	ISYS6338	Testing and System Implementation*	2	
	ACCT6013	Cost Accounting*	4	
	TAXN6019	Taxation	4	
	Elective Courses*			
	FINC6001	Financial Management	4	
	ISYS6442	Applied ERP: Fundamental	4	
5	ENTR6004	Entrepreneurship II	2	22
	ISYS6191	Advanced in Business Application Development**	2/4	
	STAT6021	Research Methodology	2	
	ISYS6256	Information Systems Project Management*	4	
	Elective Courses*			
	ACCT6010	IT Cost Management	4	
	ACCT6269	IT Budgeting	4	
	ISYS6444	Applied ERP: Business Process in Procurement	4	
	ISYS6446	Applied ERP: Business Process in Financial Accounting	4	

Sem	Code	Course Name	SCU	Total
6	**Enrichment Program I**		15	15
7	**Enrichment Program II**		16	16
8	ISYS6018	Thesis	6	6
			TOTAL CREDIT 146 SCU	

*) This course is delivered in English

**) Entrepreneurship embedded

***) Elective Courses:

- *Students choose 4 credits of elective courses*
- *Students choose 2 courses (ACCT6010 and ACCT6269; or ISYS6444 and ISYS6446) 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		
9	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			15
ISYS6345	Experience in Industry	8	
COMM6226	Business Communication	3	
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			15
ENTR6327	Business Start Up	8	
ENTR6145	Business Model for Technopreneur	2	
ENTR6146	Launching New Venture for Technopreneur	2	
ENTR6378	EES in New Information Systems Business	3	
Enrichment II			16
ENTR6355	Growing a Business	8	
ENTR6147	Lean Start Up & Business Plan for Technopreneur	2	
ENTR6148	Venture Capital for Technopreneur	2	
ENTR6366	EES in Information Systems Business Experience	4	

Enrichment Research Track

Code	Course Name	SCU	Total
Enrichment I			15
RSCH6276	Research Experience	8	
RSCH6203	Scientific Writing in Information Systems Research	4	
RSCH6296	EES in Information Systems Research	3	
Enrichment II			16
RSCH6421	Information Systems Research Experience	8	
RSCH6422	Scientific Writing in Information Systems	4	
RSCH6423	Global Employability and Entrepreneurial Skills in Information Systems Research	4	

Enrichment Community Development Track

Code	Course Name	SCU	Total
Enrichment I			
CMDV6158	Community Outreach Project Implementation	8	15
CMDV6039	Community Outreach Accounting Information System Project Design	4	
CMDV6202	Employability and Entrepreneurial Skills in Information Systems Community	3	
Enrichment II			
CMDV6158	Community Outreach Project Implementation	8	16
CMDV6039	Community Outreach Accounting Information System Project Design	4	
CMDV6177	Employability and Entrepreneurial Skills in Information Systems Community Development	4	

Enrichment Study Abroad Track

Code	Course Name	SCU	Total
Elective courses list for study abroad*			
Enrichment Program I			
GLOB6005	Elective Course for Study Abroad 1	4	15
GLOB6006	Elective Course for Study Abroad 2	4	
GLOB6007	Elective Course for Study Abroad 3	4	
GLOB6008	Elective Course for Study Abroad 4	4	
GLOB6009	Elective Course for Study Abroad 5	2	
GLOB6010	Elective Course for Study Abroad 6	2	
GLOB6011	Elective Course for Study Abroad 7	2	
GLOB6012	Elective Course for Study Abroad 8	2	
GLOB6013	Elective Course for Study Abroad 9	2	
GLOB6014	Elective Course for Study Abroad 10	2	
GLOB6015	Elective Course for Study Abroad 11	2	
GLOB6016	Elective Course for Study Abroad 12	2	
GLOB6041	Elective Course for Study Abroad 25	3	
GLOB6042	Elective Course for Study Abroad 26	1	
Enrichment Program II			
GLOB6005	Elective Course for Study Abroad 1	4	16
GLOB6006	Elective Course for Study Abroad 2	4	
GLOB6007	Elective Course for Study Abroad 3	4	
GLOB6008	Elective Course for Study Abroad 4	4	
GLOB6009	Elective Course for Study Abroad 5	2	
GLOB6010	Elective Course for Study Abroad 6	2	
GLOB6011	Elective Course for Study Abroad 7	2	
GLOB6012	Elective Course for Study Abroad 8	2	
GLOB6013	Elective Course for Study Abroad 9	2	
GLOB6014	Elective Course for Study Abroad 10	2	
GLOB6015	Elective Course for Study Abroad 11	2	
GLOB6016	Elective Course for Study Abroad 12	2	

*)Transferred courses will be transferred based on credit transfer policies on study program with total of 15 credits for Enrichment Program I and 16 credits for Enrichment Program II.

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

*) Tutorial & Multipaper