

## **Management – Information Systems**

### **Introduction**

The dual study program in Management and Information Systems which combine Management and Information System subjects, aims to anticipate the knowledge based economy in the future characterized by the use of IT application.

Information Technology in the business world has shifted towards a more outward looking character and focused on the increased competition in free market. Information technology and the business world are closely related considering that Information technology and Information Systems share the role of supporting the organizational activities. They do this by increasing the efficiency of the internal processes in a company and by strengthening the competitiveness of the company, as well as by contributing to the problem solving and decision-making by management.

### **Vision**

Enhancing the sustainability of local and global community through research and innovation in e-business.

### **Mission**

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

1. Educating student in the development of ability to analyze, design, implement and manage a business innovatively through information technology especially in Asia business management and create readiness to lead the work in various fields both nationally and internationally with good quality of leadership.
2. Providing solid learning experience by collaborating with prestigious industry through creating the most creative and value added talents of leaders for global community as well as conducting professional services to improve the quality of life.
3. Providing high impact research to enhance the sustainability growth of local and international community.

### **Program Objective**

The objectives of the program are :

1. To provide student with solid foundation of system development skill and knowledge to apply skills and ability they will need as system analyst.
2. To provide students with fundamental knowledge in Management Science & Business they will need in management practices.
3. To provide students with Management and Business Skills integrated with IT & high Impact Research (information system, business, management, marketing, finance and business organization) providing adequate tools for business analysis in these areas.
4. To prepare students with skills and knowledge in depth information system related with e business.

### **Graduate Competency**

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

1. Illustrate an understanding of information of information system framework.
2. Analyze information requirements and business process.
3. Design system that are aligned with organizational goals.
4. Demonstrate and apply knowledge of management practices.
5. Interpret and analyze current global business condition.

6. Demonstrate and apply critical thinking in current business cases, plan research programs for problem solving in business.
7. Analyze and apply information system in business strategy.
8. Analyze, design and implement e-business technology and application.

### Prospective Career of the Graduate

Possible professions for graduates include Financial Corporate Planner in the field of Financial Management, Business/Entrepreneur design, Managerial, Corporate Information Systems and e-Business. Additional professions include: Entrepreneurship, Finance director, Information Systems department manager, Manager of Information Systems development project, Systems design, and IT/IS consultant.

### Curriculum

The dual study program for Management and Information Systems developed its curriculum based on the Vision and Mission of UBINUS. The curriculum has been influenced by the ACM, namely ISSC'99 (Information System-Centric Curriculum'99 for educating the Next generation of Information Systems Specialists, in collaboration with industry) and the curriculum of foreign universities that have international reputation in Management study programs and business.

### Course Structure

Sem	Code	Course Name	SCU	Total	
1	ISYS6093	Information System Concept	4	20	
	ACCT6087	Introduction to Accounting	4		
	ECON6005	Microeconomics	4		
	MGMT6011	Introduction to Management and Business	4		
	COMP6088	Introduction to Information Technology	2		
	<b>English University Courses I</b>				
	ENGL6128	English in Focus	2		
ENGL6130	English for Business Presentation	2			
2	CHAR6013	Character Building: Pancasila	2	20	
	ECON6006	Macroeconomics	4		
	ISYS6094	Information and Business Process	4		
	ISYS6153	Management Information System	2		
	COMP6102	Algorithm and Programming	2/4		
	<b>English University Courses II</b>				
	ENGL6129	English Savvy	2		
ENGL6131	English for Written Business Communication	2			
3	MKTG8005	Marketing Management	4	24	
	ISYS6126	Enterprise System	4		
	ISYS6197	Business Application Development	2/2		
	COMM8006	Business Communication	2		
	ISYS6123	Introduction to Database Systems	2/2		
	LAWS6075	Legal Aspect in Economic	2		
	CPEN6048	Computer Network	2		
	CHAR6014	Character Building: Kewarganegaraan	2		
4	CHAR6015	Character Building: Agama	2	24	
	MGMT6018	Operational Management	4		
	MATH6048	Business Mathematics	4		
	STAT6081	Statistics	2		
	ISYS6188	Information Systems Analysis and Design	2/2		

Sem	Code	Course Name	SCU	Total
	ISYS6198	Data and Information Management	4	
	ISYS6209	User Experience	2/2	
5	STAT8066	Economics Statistics	4/2	24
	ENTR6003	Entrepreneurship I	2	
	ISYS6204	e-Business Design	4	
	ENTR6013	Developing New Business Model & Business Plan	4/2	
	ISYS6211	Web Based Application Development	2/2	
	STAT6021	Research Methodology	2	
6	ECON8009	Managerial Economics	4	24
	ACCT6049	Managerial Accounting	4	
	FINC6001	Financial Management	4	
	ISYS6163	Advanced Information System analysis and Design*	4/2	
	MGMT6038	Cross Cultural Management	2	
	ISYS6203	Mobile Applications Development	2/2	
7	ISYS6191	Advanced in Business Application Development*	2/4	24
	ISYS6256	Information Systems Project Management	4	
	ENTR6004	Entrepreneurship II	2	
	BUSS6047	E-Business Strategy	4/2	
	MKTG6044	Channel Marketing Management	4/2	
8	MGMT6012	Human Resources Management	4	22
	ISYS8108	Knowledge Management	4	
	ISYS6264	Testing and System Implementation	4	
	MOBI6027	Mobile Programming	2/2	
	LAWS6076	E-Business-Law	4	
	ENTR6012	Innovation & Entrepreneurship	2	
9	BUSS6014	Managing Innovation	4	12
	MGMT7013	Strategic Management	4	
	ISYS6289	Collaborative Computing	4	
10	MGMT6021	Thesis	6	6
<b>TOTAL CREDIT 200 SCU</b>				

\*) *Entrepreneurship embedded*

**English University Courses:**

- ) *For 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 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*

**The Table of Prerequisite for Management – Information Systems (S1)**

Subject		Credits	Subject		Credits
ACCT6049	Managerial Accounting	4	ACCT6087	Introduction to Accounting	4
MKTG8005	Marketing Management	4	MGMT6011	Introduction to Management and Business	4
FINC6001	Financial Management	4			

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

No	Code	Course Code	Minimum Grade
1	CHAR6013	Character Building: Pancasila	B
2	ENTR6004	Entrepreneurship II	C
3	FINC6001	Financial Management	C
4	ECON6005	Microeconomics	C
5	MKTG8005	Marketing Management	C
6	MGMT6012	Human Resources Management*	C
7	BUSS6047	E-Business Strategy	C
8	ISYS6126	Enterprise System	C
9	ISYS6188	Information System Analysis and Design*	C
10	ISYS6198	Data and Information Management*	C
11	ISYS6256	Information Systems Project Management	C
12	ISYS6204	E-Business Design*	C
13	ENTR6013	Developing New Business Model & Business Plan	C
14	ENTR6012	Innovation & Entrepreneurship*	C

\*) Tutorial & Multipaper