Business Information Technology

Introduction

In turbulent environment business nowdays, information technology has shifted not only as complementary but as a main strategic tool to play an important role in the business competition. In Business Information Technology program that is aligned with Information Technology and Business, where the focus of this program lies on Business Analytics and Social Media Listening. By focusing on Business Analytics and Social Media Listening, the organization is projected to play an increasingly important role for helping analyze their performance and business strategies. And the impact of this will facilitate the organization running smoothly and be sustaining its competitiveness. Business Information Technology Program will provide students with expertise in the development of Information Technology for solving the business problems. The graduates of this program can overcome the gap between Information Technology and Business needs that highly demand in turbulent of business environment. Business Information Technology is designed by combining 3 focus areas such as Business Analytics, Social Media, and IT Entrepreneurship.

Vision

To be global Business Information Technology Program with social informatics driven and entrepreneur mindset.

Mission

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

1. Leveraging people's potential for success through creative and value-adding talents in Business Information Technology by creating a suitable environment;
2. Educating students with a knowledge, skills and practice in Business Information Technology and prepare them for pursuing advanced degrees in Business, Information Technology, Social Informatics and related disciplines;
3. Providing integrated knowledge to pursue further studies and create outstanding professionals, entrepreneurs, and leaders for a global community;
4. Conducting research and professional services in Business Information Technology with an emphasis on the application of knowledge to society;
5. Improving the quality of life of Indonesians and the international community through leveraging Business Information Technology solutions.

Program Objective

The objectives of the program are:

1. To provide students with fundamental knowledge in system development skills and social informatics knowledge, combined with business and information technology platform to prepare them in and growing them through delivering business information technology that they need in helping business performance;
2. To equip students with skills and in depth knowledge of Business Information Technology related to Business, Information Technology, and Social Informatics that integrated with Business Analytics;
3. To provide students with an in depth advance understanding of the issues regarding Business Information Technology that they applied 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 database for building information systems;
3. Able to design, create and manipulate and implement computer-based information systems through the study of information systems to develop a strategic plan organizations;
4. Able to design, create, manipulate and implement computer based information system for new business model;
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 manage, integrate and add value to the results of data analysis to generate quality information for organization needs.

Prospective Career of the Graduates

Graduates of Business Information Technology Program will have an understanding of the relationship between business analytics, social media, and entrepreneurship. Therefore, graduates will have both IT knowledge and Business skills and able to develop their career in any company not only limited to services, commerce, and manufacturing companies but also Technopreneur. The professions that graduates can get are web analytics consultants, social media consultants, systems developer, systems analyst, business analyst, project manager, database developer, software developer, programming consultant, information manager, applications developer, and information management consultant.

Curriculum

This program is designed by refering to the curriculum recommended by Association for Computing Machinery (ACM) and Association for Information Systems (AIS), National and International model curriculum and guidelines for undergraduate degree program in Information systems, and A Cooperative Project of ACM, AIS, IEEE-CS. It is also focusing on Business, Information Technology, and Social Informatics, as a result, Graduates would be able to construct Business Analytics and Social Media Listening for any organizations to help their performance and business strategy. In addition, the curriculum has been influenced by foreign universities with a reputation for quality Business Information Technology Programs.

Course Structure

Sem	Code	Course Name	SCU	Total
1	ACCT6133	Introduction to Financial Accounting	4	20
	ISYS6186	Business Process Fundamental*	4	
	ISYS6093	Information System Concept*	4	
	STAT6140	Business Statistics	2	
	COMP6178	Introduction to Programming	2/2	
	English University Courses I			
	ENGL6128	English in Focus	2	

Sem	Code	Course Name	SCU	Total
	ENGL6130	English for Business Presentation	2	
2	CHAR6013	Character Building: Pancasila	2	21
	ISYS6123	Introduction to Database Systems*	2/2	
	ISYS6188	Information Systems Analysis and Design	2/2	
	ISYS6189	Management Information Systems*	4	
	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	22
	ISYS6126	Enterprise System*	4	
	ENTR6003	Entrepreneurship I	2	
	ISYS6209	User Experience	2/2	
	MGMT6238	Service Management Fundamental	4	
	ISYS6016	Social Media Fundamental	2	
	ISYS6198	Data and Information Management	4	
4	CHAR6015	Character Building: Agama	2	24
	ISYS6163	Advanced Information System Analysis and Design**	4/2	
	ISYS6264	Testing and System Implementation*	4	
	ISYS6283	Business Intelligence	4	
	ISYS6202	Social Informatics*	4	
	ISYS6203	Mobile Application Development	2/2	
5	ISYS6478	Research Methods in Information Systems	2	22
	MGMT6029	Knowledge Management	2	
	ENTR6004	Entrepreneurship II	2	
	ISYS6477	Advanced in Business Application Development**	4/2	
	ISYS6402	Business Analytics*	2/2	
	BUSS6088	Current Issue in Business and Technology	2	
	ISYS6256	Information Systems Project Management*	4	
6	**Enrichment Program I**		15	15
7	**Enrichment Program II**		16	16
8	ISYS6117	Thesis	6	6
			TOTAL CREDIT 146 SCU	

**) This course is delivered in English*

***) Entrepreneurship Embedded*

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). See enrichment appendix for the tracks detail.*

Enrichment Track Scheme

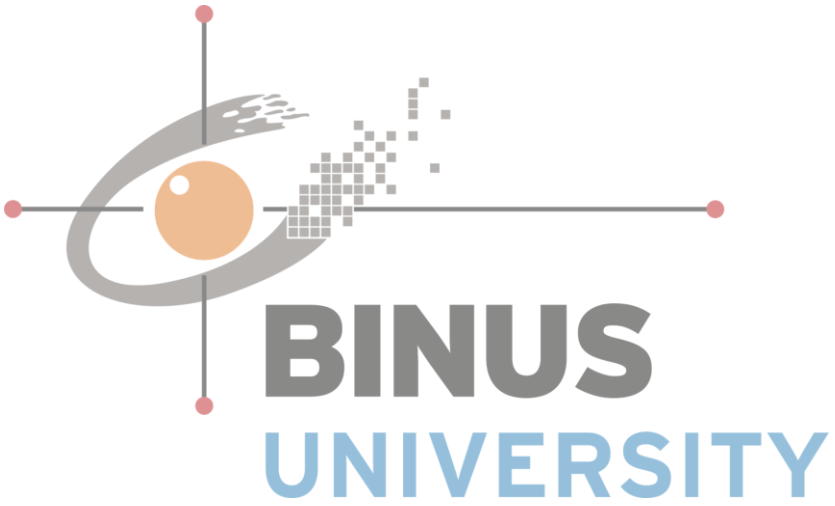
Track	Semester 6						Semester 7					
	IN	RS	EN	CD	SA	etc	IN	RS	EN	CD	SA	etc
1			v						v			
2				v			v					
3					v		v					
4		v						v				
5		v					v					
6	v						v					
7	v							v				
8	v									v		
9	v										v	

Notes:
IN : Internship
RS : Research
EN : Entrepreneurship
CD : Community Development
SA : Study Abroad
etc : Study Program Special Purposes

Notes:
Student will take one of enrichment program tracks

Enrichment Internship Track

Code	Course Name	SCU	Total
Enrichment Program I			15
ISYS6215	Experience in Industry	8	
COMM6225	Business Communication	3	
ISYS6192	Requirement and Solution for Information Systems	4	
Enrichment Program II			16
ISYS6347	Professional Program in Industry	8	
BUSS6057	Business Ethic	4	
ISYS6193	Design and Evaluation for Information Systems	4	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Enrichment Entrepreneurship Track

Code	Course Name	SCU	Total
Enrichment Program I			15
ENTR6325	Business Start Up	8	
ENTR6048	Business Model & Validation for Information Systems Project	2	
ENTR6049	Launching New Ventures for Information Technology Business	2	
ENTR6376	EES in New Information Systems Business	3	
Enrichment Program II			16
ENTR6353	Growing a Business	8	
ENTR6065	Lean Start Up & Business Plan for Information Technology Business	2	
ENTR6066	Venture Capital for Information Technology Business	2	
ENTR6364	EES in Information Systems Business Experience	4	

Enrichment Research

Code	Course Name	SCU	Total
Enrichment Program I			15
RSCH6275	Research Experience	8	
RSCH6110	Scientific Writing in Information Systems Research	4	
RSCH6295	EES in Information Systems Research	3	
Enrichment Program II			16
RSCH6412	Information Systems Research Experience	8	
RSCH6413	Scientific Writing in Information Systems	4	
RSCH6414	Global Employability and Entrepreneurial Skills in Information Systems Research	4	

Enrichment Community Development

Code	Course Name	SCU	Total
Enrichment Program I			15
CMDV6156	Community Outreach Project Implementation	8	
CMDV6035	Community Outreach Project Design in Information Systems	4	
CMDV6200	Employability and Entrepreneurial Skills in Information Systems Community	3	
Enrichment Program II			16
CMDV6156	Community Outreach Project Implementation	8	
CMDV6035	Community Outreach Project Design in Information Systems	4	

CMDV6175	Employability and Entrepreneurial Skills in Information Systems Community	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	
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	15
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	
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	16
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.

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

No	Course Code	Course Name	Minimal Grade
1.	CHAR6013	Character Building: Pancasila	B
2.	ENTR6004	Entrepreneurship II	C
3.	ISYS6188	Information Systems Analysis and Design*	C
4.	ISYS6126	Enterprise System	C
5.	ISYS6198	Data and Information Management*	C
6.	ISYS6256	Information Systems Project Management	C
7.	ISYS6202	Social Informatics	C
8.	ISYS6402	Business Analytics*	C

*) Tutorial & Multipaper