

## **Information Systems & Management**

### **Introduction**

The dual study program in Information Systems and Management which combines Information Systems and Management 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 characteristic and focused on the increased competition in the 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**

A world class study program that excels in providing high-level Information system education is specialized in business-IT, recognized internationally, and champions innovation.

### **Mission**

The mission of Double Degree are to:

1. Nurturing students and lecturers with creative and value-adding talents in Information System by creating a suitable environment;
2. Educating students in information systems, covering knowledge and skills in analyzing, designing and implementing information systems for improving business processes and to be able to create an innovative and valuable information system solution, through intensive learning process, research activities and collaboration with global industries;
3. Providing integrated knowledge to pursue further studies and create outstanding professionals, entrepreneurs, and leaders for a global community;
4. Providing professional services in Information System with an emphasis on the application of knowledge to society;
5. Fostering the quality of life of Indonesians and the international community through leveraging Information system solutions.

### **Program Objective**

The objectives of the program are to:

1. Program graduates will possess effective communication, teamwork, and leadership skills with ethical considerations in solving problems for an organization and creating benefits for society.
2. Program graduates will apply accurate skills and knowledge in system development that will be needed as a professional in information systems.
3. Program graduates will maintain in-depth knowledge of information system methodologies and technologies to address the critical needs of an organization.

## Student Outcomes

After completing the study, graduates are:

1. Able to analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Able to design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Able to communicate effectively in a variety of professional contexts.
4. Able to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Able to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Able to support the delivery, use, and management of information systems within an information systems environment.
7. Ability to explain principles of management and business.
8. Ability to demonstrate knowledge of different management and business functions.
9. Ability to analyze current management and business issues in diverse contexts.
10. Ability to demonstrate creative and innovative skills in providing business solution.
11. Ability to apply relevant ICT tools in business decision making process.
12. Ability to apply numerical analysis and critical thinking in business decision making.
13. Ability to demonstrate collaborative working in diverse background environment.
14. Ability to apply sustainability concepts to promote business growth.
15. Ability to apply effective communication skills.
16. Ability to demonstrate professional values in business context.
17. Ability to apply sustainable and ethical values in business context.
18. Able to integrate information systems/technology utilization in solving business strategic problems.
19. Able to apply interdisciplinary knowledge and skills in developing alternative solutions for problem-solving.

## Prospective Career of the Graduates

Possible professions for graduates include Information System Corporate Planner, Business/Entrepreneur in Technology, and Digital Business. Additional professions include Information Systems department manager, Manager of Information Systems development project, System Designer, and IT/IS consultant.

## Curriculum

The dual study program for Information Systems and Management developed its curriculum based on the Vision and Mission of Bina Nusantara University. The curriculum has been influenced by the Association for Computing Machinery (ACM), Association for Information Systems (AIS), and the curriculum of foreign universities that have an international reputation in Management study programs and business (AACSB accreditation). The successful candidate will get a double degree, which is S.Kom. and S.E.

**Course Structure**

Sem	Code	Course Name	SCU	Total
1	CHAR6013003	Character Building: Pancasila	2	20
	ISYS6093003	Information System Concept*&**	4	
	ECON6099003	Business Economics (AOL)	4	
	MGMT6011003	Introduction to Management and Business* (AOL)	4	
	BUSS6066003	Business Ethics (AOL)	2	
	ISYS6186003	Business Process Fundamental** (AOL)	4	
	<b>Foreign Language Courses</b>			
2	CHAR6014003	Character Building: Kewarganegaraan	2	20
	ACCT6351003	Accounting for Business	4	
	ISYS6126003	Enterprise System*&** (AOL)	4	
	COMP6178003	Introduction to Programming	2/2	
	MGMT6012003	Human Resources Management* (AOL)	4	
	ENTR6509001	Entrepreneurship: Ideation	2	
	<b>Foreign Language Courses</b>			
3	CHAR6015003	Character Building: Agama	2	24
	MATH6176003	Business Mathematics*	2	
	ISYS6596003	User Experience Research and Design** (AOL)	4/2	
	ISYS6197003	Business Application Development (AOL)	2/2	
	ISYS6123003	Introduction to Database Systems*&** (AOL)	2/2	
	MKTG6318003	Marketing Management* (AOL)	4	
	LANG6027003	Indonesian	2	
<b>Foreign Language Courses</b>			0	
4	ISYS6198003	Data and Information Management** (AOL)	4	24
	BUSS6210003	Digital Business* (AOL)	4/2	
	ISYS6677003	Information Systems Analysis and Design**&*** (AOL)	5/2	
	MGMT6297003	Operations Management**	4	
	ISYS6747003	Data Visualization (AOL)	2/1	
	<b>Foreign Language Courses</b>			
5	ISYS6676003	Advanced Information System Analysis and Design**&*** (AOL)	5/2	24
	ISYS6256003	Information Systems Project Management*&** (AOL)	4	
	STAT6206003	Business Statistics I	2	
	FINC6001003	Financial Management	4	
	BUSS6171003	Business Sustainability (AOL)	4	
	BUSS6230003	Digital Market Research (AOL)	2/1	
6	ISYS6675003	Information Technology Infrastructure	2	24
	ISYS6538003	Advanced in Business Application Development** (AOL)	4/2	
	BUSS6231003	Digital Transformation* (AOL)	2	
	ISYS6338003	Testing and System Implementation (AOL)	2	
	ISYS6674003	Knowledge Management**	2	

Sem	Code	Course Name	SCU	Total
	ENTR6511001	Entrepreneurship: Market Validation	2	
	STAT6207003	Business Statistics II (AOL)	2/2	
	<b>Free Electives</b>		4	
7	<b>Enrichment Program I</b>		20	20
8	<b>Enrichment Program II</b>		20	20
9	ISYS6637003	Pre-Thesis	2	6
	ISYS6638003	Thesis	4	
	MGMT6021003	Thesis	6	
<b>Total Credits</b>			<b>182 SCU</b>	

\*) This course is delivered in English

\*\* ) Global Learning System Course

\*\*\* ) Entrepreneurship Embedded

-) (AOL) - Assurance of Learning Process System

#### Free Electives:

-) For Free Electives, students are required to choose from the list of Free Electives in Appendix.

#### Foreign Language Courses:

Students will take foreign language courses according to BINUS University English proficiency test results. See foreign language courses appendix for the details. Students must pass with a minimum Grade of C.

**Pre-thesis (2 SCU) & Thesis (4 SCU)** can be taken in the 6<sup>th</sup> and/or 7<sup>th</sup> semester by the students who meet the requirements from the Study Program/Program.

#### Appendix Foreign Language Courses

Foreign language courses are personalized courses that can be taken by the students according to their own pace from semester 1 until semester 4 or before they take enrichment. The courses are available at BINUSMAYA – Beelinguo. Students must pass with a minimum Grade of C.

The following are the provisions of the courses that must be taken by students:

Foreign Language Courses		SCU
ENGL6253003	English for Frontrunners	0
ENGL6254003	English for Independent Users	0
ENGL6255003	English for Professionals	0
JAPN6190003	Basic Japanese Language*	0
CHIN6163003	Basic Chinese Language*	0

\*) This course is optional for students

1. Students with Beelinguo Placement Test score less than 60 are required to take English for Frontrunners and English for Independent Users.
2. Students with Beelinguo Placement Test score between 61-99 are required to take English for Independent Users and English for Professionals.
3. Students with Beelinguo Placement Test score greater than 99 are required to take English for Professionals. Additionally, students may choose to take either Basic Japanese Language or Basic Chinese Language.
4. Students are required to pass the foreign language courses before they take enrichment.
5. Students can see the requirements to pass the foreign language courses at BINUSMAYA – Beelinguo.

**Appendix: Free Electives (6<sup>th</sup> Semester)**

No	Course Owner Department	Course Code	Course Name	SCU	Semester
1	Tourism	TRSM6142022	Event Management	4	6
2	Tourism	TRSM6196022	Tourism Community Empowerment	2	6
3	Tourism	TRSM6218022	Adventure Tourism Management	4	6
4	Tourism	TRSM6219022	Wildlife and Marine Tourism	2	6
5	Tourism	TRSM6220022	Rural Tourism Entrepreneurship	4	6
6	Tourism	TRSM6221022	Sport Tourism	2	6
7	Tourism	TRSM6222022	Climate Change & Tourism	2	6
8	Tourism	BUSS6137022	Tourism E-Business	4	6
9	Tourism	TRSM6216022	Guiding and Interpretation	2	6
10	Tourism	TRSM6217022	Immigration, Quarantine and Customs	2	6
11	Tourism	TRSM6212022	Indonesian Culture	4	6
12	Tourism	TRSM6159022	Anthropology of Travel and Tourism	2	6
13	Tourism	TRSM6140022	Tourism Law and Regulation	2	6
14	Tourism	ACCT6383022	Principles of Tourism Accounting and Finance	2	6
15	Tourism	MGMT6408022	Strategic Management for Tourism	2	6
16	Tourism	TRSM6225022	Protected Area Planning & Management	4	6
17	Tourism	TRSM6224022	Environmental Health and Safety in Tourism	2	6
18	Taxation	TAXN6055020	Customs, Export and Import Tax Planning	2	6
19	Psychology	PSYC6123027	Educational Psychology	2	6
20	Psychology	PSYC6167027	Industrial and Organizational Psychology	4	6
21	Psychology	PSYC6122027	Social Psychology	4	6
22	Primary Teacher Education	EDUC6108030	Coding for Children	2	6
23	Primary Teacher Education	EDUC6109030	Technology Literacy	2	6
24	Primary Teacher Education	EDUC6107030	Out of School Science Learning	2	6
25	Primary Teacher Education	EDUC6113030	Children's Literature	2	6
26	Primary Teacher Education	EDUC6110030	Integrated Social Studies, Ethno Art and Craft	'2/2	6
27	Primary Teacher Education	EDUC6098030	Technology for Adaptive Learning	4	6
28	Primary Teacher Education	EDUC6097030	Inclusive Education	2	6
29	New Media	DSGN6733007	Professional Designer Class	4	6
30	Mathematics	MATH6187016	Machine Learning	'2/1	6
31	Marketing Communication	COMM6613019	Introduction to Media Industry	2	6
32	Marketing Communication	COMM6615019	Script Writing	'2/2	6
33	Marketing Communication	COMM6628019	Communication Audit	2	6
34	Marketing Communication	COMM6425019	Event Management	2	6
35	Marketing Communication	COMM6629019	Understanding Intergenerational Communication	2	6

No	Course Owner Department	Course Code	Course Name	SCU	Semester
36	Management	MGMT6462005	Leadership Agility	4	6
37	Management	ISYS6744005	E-Business Strategy and Implementation	4	6
38	Management	BUSS6109005	Business Development	4	6
39	International Relations	INTR6144029	Contemporary Issues in European Society	2	6
40	International Relations	INTR6145029	Contemporary Issues in American Society	2	6
41	International Relations	INTR6146029	Contemporary Issues in East Asian Society	2	6
42	International Relations	INTR6147029	Contemporary Issues in African and Middle Eastern Societies	2	6
43	International Relations	INTR6148029	Multinational Corporations Global Strategy and Social Responsibility	2/2	6
44	International Relations	INTR6157029	Terrorism and International Security	2	6
45	International Relations	INTR6158029	Indonesia's Defense and Security Policy	2	6
46	International Relations	INTR6161029	Political Economy of Global Media	2	6
47	International Relations	INTR6162029	Multiculturalism and Digital Society	2	6
48	International Business Management	BUSS6222005	Export-Import Cost Management	2	6
49	International Business Management	MGMT6458005	Global Supply Chain Management	2	6
50	International Business Management	BUSS6191005	Export-Import Management	2	6
51	Interior Design	DSGN6888008	Interior Accessories Design	2	6
52	Information Systems	ISYS6203003	Mobile Applications Development	2/2	6
53	Industrial Engineering	ISYE6181011	System Engineering & Analysis	2	6
54	Industrial Engineering	ISYE6041011	Engineering Economy	2	6
55	Industrial Engineering	ISYE6113011	Leadership & Organizational Behavior	2	6
56	Hotel Management	MGMT6304021	Organization Behavior in Hospitality	2	6
57	Hotel Management	HTMN6145021	Revenue Management in Hospitality	2	6
58	Hotel Management	HTMN6027021	Service Management	4	6
59	Hotel Management	HTMN6146021	Food Safety Management	2	6
60	Hotel Management	HTMN6018021	Consumer Behavior in Hospitality	2	6
61	Hotel Management	HTMN6147021	Hospitality Management	4	6
62	Global Business Marketing	MKTG6321005	Marketing Data Analytics	4	6
63	Global Business Marketing	MKTG6322005	Sales and Customer Relationship Management	4	6
64	Global Business Marketing	MKTG6237005	Global Strategic Marketing: Asia Pasific Perspective	4	6
65	Global Business Marketing	MKTG6270005	Retail and Omni Channel	2	6

No	Course Owner Department	Course Code	Course Name	SCU	Semester
66	Global Business Marketing	MKTG6631005	Marketing Research	'3/1	6
67	Global Business Marketing	MGMT6358005	Managing Business Information	'2/2	6
68	Film	FILM6082009	Alternative Distribution and Film Festival	2	6
69	English Literature	SOCS6021024	Social and Digital Media Writing	2	6
70	English Literature	ENGL6244024	Social Media Broadcasting	4	6
71	English Literature	EDUC6054024	Classroom Communication and Learning	4	6
72	Data Science	DTSC6013001	Data Mining and Visualization	2	6
73	Cyber Security	COMP6549001	Software Security	2	6
74	Creative Advertising	DSGN6671007	Creative Writing for Commercials	4	6
75	Creative Advertising	DSGN6651007	Photography	4	6
76	Computer Science	COMP7128001	Game Design	2	6
77	Business Management	MGMT6455005	Servitization and Customer Experience Management	2	6
78	Business Management	MKTG6274005	Service Marketing Management	4	6
79	Business Management	MGMT6456005	Fundamentals of Supply Chain Management	4	6
80	Business Management	MGMT6557005	Logistics and Retail Distribution Management	4	6
81	Business Management	MGMT6556005	Technology Management in Supply Chain and Service	2	6
82	Business Management	MGMT6365005	Current Issue in Service Business and Technology	2	6
83	Business Law	LAWS6159005	Legal Aspect in Business	2	6
84	Japanese Literature	JAPN6151025	Reflection of Japanese Experience (Nihon Keiken no Han'ei)	2	6
85	Japanese Literature	JAPN6162025	Japanese Literary Criticism (Nihon Bungaku Hyouron)	2	6
86	Japanese Literature	JAPN6111025	Introductory Japanese I	4	6
87	Japanese Literature	JAPN6150025	Ideas and Images of Japanese Culture (Nihon Bunka Aidea to Imeeji)	2	6
88	Japanese Literature	JAPN6173025	Contemporary Japanese Society Through Various Perspective (Nihon Shakai e no Kangaekata)	2	6
89	Japanese Literature	JAPN6116025	Japanese Corporate Culture and Management (Nihon No Kigyou Bunka to Manejimento)	2	6
90	Business Information Technology	ISYS6574003	Information Retrieval	4	6
91	Business Information Technology	ISYS6823003	Machine Learning & Foundations	4	6
92	Business Information Technology	ISYS6606003	Smart Application	2	6
93	Business Creation	ENPR6104005	Digital Marketing and Analytics	4	6
94	Accounting	ACCT6116020	Social and Environmental Accounting	2	6
95	Accounting	ACCT6461020	Accounting Syariah	2	6
96	Accounting	ACCT6462020	Audit Psychology	2	6

No	Course Owner Department	Course Code	Course Name	SCU	Semester
97	Accounting	ACCT6313020	Public Sector Accounting	2	6
98	Chinese Literature	CHIN6157026	Chinese Business for Etiquette (Beginner)	4	6
99	Chinese Literature	CHIN6158026	Chinese Business in Daily Communication	4	6
100	Chinese Literature	CHIN6159026	Chinese Character Writing	2	6

**Enrichment Program (7<sup>th</sup> & 8<sup>th</sup> Semester):**

-) Student will take one of enrichment program tracks (off campus). See enrichment appendix for the tracks detail.

**Enrichment Track Scheme**

Track	Semester 7							Semester 8						
	IN	RS	EN	CD	SA	IS	etc	IN	RS	EN	CD	SA	IS	etc
1	v							v						
2	v								v					
3	v										v			
4	v											v		
5	v												v	
6	v													
7		v						v						
8		v							v					
9		v											v	
10		v												
11			v					v						
12			v						v					
13			v								v			
14			v									v		
15			v										v	
16			v											
17	v									v				
18		v								v				
19			v							v				
20				v						v				
21					v					v				
22						v				v				
23				v				v						
24				v					v					
25				v							v			
26				v									v	
27				v										
28					v			v						
29					v				v					
30					v						v			
31					v								v	
32					v									
33						v		v						
34						v			v					
35						v					v			
36						v								

**Note:**

IN	: Company Internship	SA	: Study Abroad
RS	: Research Fellowship	IS	: Specific Independent Study
EN	: Entrepreneurship	etc	: Study Program Special Purposes
CD	: Community Impact Internship		

**Description:**

Student will take one of enrichment program tracks

Students who failed in Enrichment Program I can retake with the same track or change into another track. As for Enrichment Program II, student who failed with Certified Internship, Certified Research, Certified Community Development, and Certified Study Abroad track on Enrichment Program II, can retake with the same track or change into another track. However students who take **Certified Entrepreneurship** track on Enrichment Program II, should **retake with another track**.

### Company Internship Track

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			20
BUSS6240003	Experience in Industry	8	
BUSS6207003	Technopreneurship Application	8	
BUSS6187003	Technopreneurship Paper	4	
<b>Enrichment Program II</b>			20
BUSS6241003	Professional Program in Industry	8	
BUSS6242003	Technopreneurship Development	8	
BUSS6243003	EES in Technopreneurship	4	

### Entrepreneurship Track

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			20
ENPR6187003	New Venture Initiation in Information Systems	8	
ENTR6596003	Product Development Process for Information Technology Business	8	
ENTR6953003	EES in New Information Systems Business	4	
<b>Enrichment Program II</b>			20
ENPR6224003	Product Launching in Technopreneurship	8	
ENPR6225003	Business Development Process for Technopreneurship	8	
ENPR6226003	New Experience EES in New Information Systems' and Business'	4	

### Research Fellowship Track

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			20
RSCH6204003	Research Experience	8	
RSCH6708003	Proposal Writing in Information Systems Research	8	
RSCH6467003	Information Systems for Global Employability and Entrepreneurial Skills	4	
<b>Enrichment Program II</b>			20
RSCH6709003	Research Experience in Information Systems Business	8	
RSCH6710003	Scientific Writing in Information Systems Business	8	
RSCH6711003	Information Systems and Business for Global Employability and Entrepreneurial Skills	4	

**Community Impact Internship Track**

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			20
CMDV6118003	Community Outreach Project Implementation	8	
CMDV6465003	Community Outreach Project Design in Information Systems Business	8	
CMDV6466003	EES in Information Systems Business	4	
<b>Enrichment Program II</b>			20
CMDV6467003	Community Development Project Implementation	8	
CMDV6468003	Community Development Project Design in Information Systems Business	8	
CMDV6469003	EES in Information Systems for Community Development	4	

**Study Abroad Track**

Code	Course Name	SCU	Total
<b>Elective courses list for study abroad*</b>			20
<b>Enrichment Program I</b>			
GLOB6005003	Elective Course for Study Abroad 1	4	
GLOB6006003	Elective Course for Study Abroad 2	4	
GLOB6007003	Elective Course for Study Abroad 3	4	
GLOB6008003	Elective Course for Study Abroad 4	4	
GLOB6009003	Elective Course for Study Abroad 5	2	
GLOB6010003	Elective Course for Study Abroad 6	2	
GLOB6011003	Elective Course for Study Abroad 7	2	
GLOB6012003	Elective Course for Study Abroad 8	2	
GLOB6013003	Elective Course for Study Abroad 9	2	
GLOB6014003	Elective Course for Study Abroad 10	2	
GLOB6015003	Elective Course for Study Abroad 11	2	
GLOB6016003	Elective Course for Study Abroad 12	2	
GLOB6251003	Elective Course for Study Abroad 29	4	
<b>Enrichment Program II</b>			
GLOB6017003	Elective Course for Study Abroad 13	4	
GLOB6018003	Elective Course for Study Abroad 14	4	
GLOB6019003	Elective Course for Study Abroad 15	4	
GLOB6020003	Elective Course for Study Abroad 16	4	
GLOB6021003	Elective Course for Study Abroad 17	2	
GLOB6022003	Elective Course for Study Abroad 18	2	
GLOB6023003	Elective Course for Study Abroad 19	2	
GLOB6024003	Elective Course for Study Abroad 20	2	
GLOB6025003	Elective Course for Study Abroad 21	2	
GLOB6026003	Elective Course for Study Abroad 22	2	
GLOB6027003	Elective Course for Study Abroad 23	2	
GLOB6028003	Elective Course for Study Abroad 24	2	
GLOB6253003	Elective Course for Study Abroad 31	4	

\*) Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.

**Specific Independent Study**

Code	Course Name	SCU	Total
<b>Elective courses list for certified specific independent study*</b>			
CSIS6001003	Course Certification	3	
CSIS6002003	Technical Skill Enrichment	4	
CSIS6003003	Industrial Project	9	
CSIS6004003	Soft Skill Enrichment	4	
CSIS6005003	Elective Course for Specific Independent Study 1	8	
CSIS6006003	Elective Course for Specific Independent Study 2	8	
CSIS6007003	Elective Course for Specific Independent Study 3	6	
CSIS6008003	Elective Course for Specific Independent Study 4	6	
CSIS6009003	Elective Course for Specific Independent Study 5	6	
CSIS6010003	Elective Course for Specific Independent Study 6	5	
CSIS6011003	Elective Course for Specific Independent Study 7	5	
CSIS6012003	Elective Course for Specific Independent Study 8	5	
CSIS6013003	Elective Course for Specific Independent Study 9	5	
CSIS6014003	Elective Course for Specific Independent Study 10	4	
CSIS6015003	Elective Course for Specific Independent Study 11	4	
CSIS6016003	Elective Course for Specific Independent Study 12	4	
CSIS6017003	Elective Course for Specific Independent Study 13	4	
CSIS6018003	Elective Course for Specific Independent Study 14	4	20
CSIS6019003	Elective Course for Specific Independent Study 15	3	
CSIS6020003	Elective Course for Specific Independent Study 16	3	
CSIS6021003	Elective Course for Specific Independent Study 17	3	
CSIS6022003	Elective Course for Specific Independent Study 18	3	
CSIS6023003	Elective Course for Specific Independent Study 19	3	
CSIS6024003	Elective Course for Specific Independent Study 20	3	
CSIS6025003	Elective Course for Specific Independent Study 21	2	
CSIS6026003	Elective Course for Specific Independent Study 22	2	
CSIS6027003	Elective Course for Specific Independent Study 23	2	
CSIS6028003	Elective Course for Specific Independent Study 24	2	
CSIS6029003	Elective Course for Specific Independent Study 25	2	
CSIS6030003	Elective Course for Specific Independent Study 26	2	
CSIS6031003	Elective Course for Specific Independent Study 27	2	
CSIS6032003	Elective Course for Specific Independent Study 28	2	
CSIS6033003	Elective Course for Specific Independent Study 29	1	
CSIS6034003	Elective Course for Specific Independent Study 30	1	
CSIS6035003	Elective Course for Specific Independent Study 31	1	
CSIS6036003	Elective Course for Specific Independent Study 32	1	

\*) For students who take BINUS certified specific independent study courses, they should take the first 4 courses on the list above (20 credits). Meanwhile, elective courses 1 to 32 are transferred courses for students who take certified specific independent study outside BINUS University. Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.

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

No	Course Code	Course Name	Minimal Grade
1.	CHAR6013003	Character Building: <i>Pancasila</i>	B
2.	ENTR6511001	Entrepreneurship: Market Validation	C
3.	ISYS6126003	Enterprise System*	C
4.	ISYS6198003	Data and Information Management*	C
5.	ISYS6677003	Information Systems Analysis and Design*	C
6.	ISYS6256003	Information Systems Project Management	C
7.	BUSS6171003	Business Sustainability	C
8.	MGMT6011003	Introduction to Management and Business	C
9.	MKTG6318003	Marketing Management	C
10.	MGMT6012003	Human Resources Management*	C
11.	BUSS6066003	Business Ethics	C
12.	BUSS6231003	Digital Transformation	C
13.	BUSS6210003	Digital Business*	C
14.	ISYS6747003	Data Visualization*	C

\*) Tutorial & Multipaper

