

Information Systems

Introduction

The need for Information Technology (IT) in the business industry has shifted into an environment that is more outward looking in order to compete in the free market. Information Technology is closely related to Information Systems (IS) in their joint support of the organization. They facilitate excellent procedures of the whole organization and strengthen its competitiveness.

As a discipline, Information systems has been making positive contributions to wide range of organizations, especially in this era of digital transformation where information can be accessed and distributed easily. Information systems helps organization in managing data as an asset, either collected or presented by information systems, which are possible to be implemented for problem solving and management decisions making.

The Information Systems Study Program was founded in response to the progressive demand for skilled human resources in the field of information systems. The scope of study in the Program includes Information Systems: information systems development including information systems analysis, design and implementation (programming), management information systems, business process analysis and design, enterprise systems, database analysis and design, and information system project 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 missions of Information Systems 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. Equip students with the expertise and solid basic knowledge about system development that will be needed as a professional in the field of information systems, as well as increasing the skills and knowledge of educators in the information systems field;
2. Preparing students with proficiency and in-depth knowledge of innovative information systems related to IT-Business Innovation;

3. Equip students with the ability to use knowledge of applied business applications for specific industrial purposes;
4. Equip the community with expertise and knowledge through the use of information system solutions;
5. Provide education to the public regarding the use and application of information systems.

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 solution;
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;

Prospective Career of the Graduates

Graduates will have the necessary skills to work as:

- | | | |
|--|---------------------------------|---------------------------------------|
| 1. System Analyst | 7. Information Security Analyst | 14. Application Developer |
| 2. Business Analyst | 8. System Designer | 15. Web-Developer/Web-Designer |
| 3. Business Process Analyst | 9. Database Administrator | 16. IT Development Project Leader |
| 4. Digital Business Specialist | 10. Database Analyst | 17. Software Quality Assurance Tester |
| 5. Enterprise Resource Planning (ERP) Specialist | 11. Data Scientist | 18. IT User Liaison |
| 6. Software Architect | 12. User Experience Designer | 19. IT/IS Researcher |
| | 13. IT/IS Consultant | 20. Entrepreneur |

Curriculum

The Information Systems Study Program curriculum is designed by referring to the curriculum recommended by Association for Computing Machinery (ACM) and Association for Information Systems (AIS) for model curriculum and guidelines for undergraduate degree program in Information Systems. In addition, the curriculum has been influenced by foreign universities with the reputation of qualified Information Systems Study Programs.

The curriculum for the next four years, will prominently consists of:

1. Information Systems, Business Process, Supply Chain Management, and Enterprise Systems.
2. Database, Information and Knowledge Management.
3. User Experience, Information Systems Analysis and Design.
4. Programming, Information Systems Project Management, Testing, and Implementation.
5. Financial Accounting, Research Methodology, and Entrepreneurship.
6. Character Building and Language (Indonesian and English).
7. Concentration Subjects: Strategic Information System, Business Intelligence, Digital Technology, Applied Database, and Applied Enterprise Resource Planning (ERP).
8. Minor Program
9. Free Electives

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		
	COMP6178	Introduction to Programming	2/2		
	LANG6027	Indonesian	2		
	English University Courses I				
	ENGL6128	English in Focus	2		
	ENGL6130	English for Business Presentation	2		
2	ISYS6123	Introduction to Database Systems*&***	2/2	20	
	ISYS6126	Enterprise System*&***	4		
	ISYS6338	Testing and System Implementation*&***	2		
	ENTR6509	Entrepreneurship: Ideation	2		
	ISYS6596	User Experience Research and Design**	4/2		
	English University Courses II				
	ENGL6129	English Savvy	2		
	ENGL6131	English for Written Business Communication	2		
3	CHAR6013003	Character Building: <i>Pancasila</i>	2	22	
	ISYS6535003	Information Systems Analysis and Design**&***	4/2		
	ISYS6197003	Business Application Development	2/2		
	ISYS6256003	Information Systems Project Management*&***	4		
	ISYS6478003	Research Methods in Information Systems	2		
	ISYS6198003	Data and Information Management**	4		
4	CHAR6014003	Character Building: <i>Kewarganegaraan</i>	2	16	
	ISYS6542003	Advanced Information System Analysis and Design**&***	4/2		
	Streaming : Business Intelligence				
	ISYS6613003	Business Intelligence**	2		
	ISYS6210003	Data Visualization*	2		
	ISYS6190003	Advance in Data & Information Management	4		
	Streaming : Strategic Information System				
	ISYS6146003	Information System Security*	2		
	ISYS6614003	IS Strategy, Management and Acquisition**	2		
	ISYS6284003	Analytical Information System	4		
	Streaming : Digital Technology				
	ISYS6211003	Web Based Application Development	2/2		
	ISYS6285003	Digital and New Media*&***	2		
	ISYS6615003	e-Business Design	2		
	Streaming : Applied ERP				
ISYS6146003	Information System Security*	2			
ISYS6442003	Applied ERP: Fundamental	4			

Sem	Code	Course Name	SCU	Total	
	ISYS6614003	IS Strategy, Management and Acquisition**	2		
	Streaming : Applied Database				
	ISYS6613003	Business Intelligence**	2		
	ISYS6210003	Data Visualization*	2		
	ISYS6567003	Applied Database: Database Programming With SQL and PL/SQL	4		
	Minor Program				8
	Free Electives				8
5	ENTR6511001	Entrepreneurship: Market Validation	2	22	
	CHAR6015003	Character Building: <i>Agama</i>	2		
	ISYS6538003	Advanced in Business Application Development**	4/2		
	Streaming: Business Intelligence				
	ISYS6200003	Data Warehouse**	4/2		
	ISYS6199003	Data & Text Mining	4		
	ISYS6196003	Business Analytics*	2		
	Streaming : Strategic Information System				
	ISYS6205003	Enterprise Architecture**	4		
	ISYS8066003	Business Process Management	4		
	ISYS6202003	Social Informatics*	4		
	Streaming : Digital Technology				
	ISYS6187003	Business Web Solution**	4		
	ISYS6289003	Collaborative Computing*	4		
	ISYS6203003	Mobile Applications Development	2/2		
	Streaming : Applied ERP				
	ISYS6205003	Enterprise Architecture**	4		
	ISYS6696003	Applied ERP: Integrated Business Process*	8		
	Streaming : Applied Database				
	ISYS6201003	Data Warehouse and Data Mining**	4		
	ISYS6568003	Applied Database: Administration and Recovery	4		
	ISYS6569003	Applied Database: Application Development*	4		
	Minor Program				12
Free Electives			12		
6	Enrichment Program I		20	20	
7	Enrichment Program II		20	20	
8	ISYS6616003	Pre-Thesis	2	6	
	ISYS6617003	Thesis	4		
	ISYS6117003	Thesis	6		
TOTAL CREDITS 146 Credits					

*) This course is delivered in English

**) Global Learning System Course

***) Entrepreneurship Embedded

Streaming/Minor/Free Electives:

-) For 4th Semester: Students are required to choose Streaming or Minor Program or Free Electives. For Free Electives, students are required to choose from the list of Free Electives in Appendix.
-) For 5th Semester: Students are required to choose Streaming or Minor Program same with previous semester. For Free Electives, students are required to choose from the list of Free Electives in Appendix.

English University Courses:

-) For 1st Semester: English University Courses I, students with Binus University English Proficiency Test score less than 500 will take English in Focus, and student with test score greater than or equal to 500 will take English for Business Presentation.
-) For 2nd Semester: English University Courses II, students with Binus University English Proficiency Test score less than 500 will take English Savvy, and students with test score greater than or equal to 500 will take English for Written Business Communication.
-) Students should pass English Savvy with a minimum Grade is C.

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

Minor Scheme

Minor Program	Semester 4	Semester 5
Minor @ Binus Kemanggisian		
Digital Ecosystem	V	V
Human Capital in Digital Workplace	V	V
Sustainable Development	V	V
Cross Cultural Communication	V	V
Interactive & Users Experience Design	V	V
Data Analytics	V	V
Robotic Process Automation	V	V
Minor @ Binus Alam Sutera		
Digital Business	V	V
Minor @ Binus Bekasi		
Virtual Services	-	-
Culinary	V	V
Minor @ Binus Malang		
Digital Technopreneur	-	-
Minor @ Binus Bandung		
DesignPreneur	-	-

1. Minor Program: Digital Ecosystem

Course	SCU
COMP6683001 Introduction to Artificial Intelligence	2/2
COMM6501019 Narative Development	4
ISYS6549003 Digital Innovation	4
COMP6684001 Current Trends in Technology	4
DSGN6834007 Visual Identity	4
Total SCU	20

2. Minor Program: Human Capital in Digital Workplace

Course	SCU
PSYC6174027 Psychology in The Workplace	4
MGMT6349005 Digital Workplace Strategy	4
ISYS6551003 Digital Workplace and Technology	4
LAWS6157028 Legal Aspects in Digital Workplace	4
PSYC6175027 Human Resources Development	4
Total SCU	20

3. Minor Program: Sustainable Development

Course	SCU
ARCH6119014 Introduction to Sustainable Development	2
DSGN6835008 Engineering Material	4
ISYE6154011 Sustainable Design and Manufacture	4
ISYE6155011 Occupational, Health, Safety, and Administration in Engineering	2
CPEN6217010 Digital for Sustainable Development	4
CIVL6118013 Engineering Economic	4
Total SCU	20

4. Minor Program: Cross Cultural Communication

Course	SCU
CHIN6132026 Chinese Conversation in Daily Activities	4
COMM6502019 Communication in Diversity	2
INTR6135029 Comparative Politics	4
BUSS6170025 Asian Business Ethics	4
CHIN6133026 Chinese Conversation in Daily Works	2
CHIN6134026 Chinese Conversation in Business Communication	4
Total SCU	20

5. Minor Program: Interactive & Users Experience Design

Course	SCU
PSYC6176027 Psychology and User Experience	4
ISYS6553003 User-Centered Research and Evaluation	4
DSGN6836007 Fundamental of Interface Design	4
ISYS6554003 Core Principles: Interactive Design	4
DSGN6837007 Digital Design Production	4
Total SCU	20

6. Minor Program: Data Analytics

Course	SCU
ISYS6680003 Introduction to data Analytics	2
ISYS6681003 Data Management & Descriptive Analytics	4
STAT6198049 Statistical for Decision Making	4
ISYS6682003 Application of Predictive Analytics to Business Data	4
ISYS6683003 Prescriptive Analytics and Optimization	4
MKTG6312005 Digitalization of Markets and Consumption	2
Total SCU	20

7. Minor Program: Robotic Process Automation

Course	SCU
COMP6857001 Basic Programming for Automation	2
COMP6858001 RPA Concept & Design	2
ISYS6684003 RPA Developer Fundamental	4
ISYS6685003 RPA Developer Advance	4
ISYS6686003 RPA Business Analytics Fundamental	4
ISYS6687003 Business Process Improvement	2
COMP6859001 Intelligence Automation	2
Total SCU	20

8. Minor Program: Digital Business

Course	SCU
ISYS6559003 Business Models and Technology Innovation	4
ISYS6557003 Business Data Management	4
ISYS6695003 Digital Marketing Analysis	4
STAT6200049 Practical Statistics for Digital Business	4
MGMT6352005 Digital Strategy	4
Total SCU	20

9. Minor Program: Culinary

Course	SCU
HTMN6078021 Advanced in Pastry and Bakery	4
HTMN6050021 Culinary Business Event	2/2
HTMN6048021 Western and French Cuisine	2/4
HTMN6046021 Authentic Indonesian Cuisine	2/4
Total SCU	20

Appendix: Free Electives (4th Semester & 5th Semester)

No.	Course Owner Department	Course Code	Course Name	SCU	Semester
1	Business Creation	ENTR6580005	Digital Business Transformation	2	4
2	Business Creation	ENTR6582005	Business Strategy	2	4
3	Business Creation	ENTR6494005	Managing Growing Business	2	5
4	Business Management	MGMT6399005	Fundamentals of Supply Chain Management	2	4
5	Business Management	MGMT6401005	Digital Supply Chain Management	2	4
6	Business Management	MKTG6298005	Service Marketing Management	2	4
7	Business Management	MGMT6362005	Global Supply Chain Services	2	5
8	Business Management	MGMT6365005	Current Issue in Service Business and Technology	2	5
9	Business Management	MGMT6400005	Supply Chain Strategy	2	5
10	Global Business Management	MKTG6237005	Global Strategic Marketing: Asia Pacific Perspective	4	4
11	International Business Management	BUSS6162005	Market Entry Strategy	2	4
12	International Business Management	MGMT6369005	Corporate Strategy in International Business	2	4
13	International Business Management	BUSS7009005	Export-Import Cost Management	2	5

No.	Course Owner Department	Course Code	Course Name	SCU	Semester
14	International Business Management	MGMT6370005	E-Business for International Business	2	5
15	International Business Management	MGMT7169005	Global Supply Chain Management	2	5
16	Management	BUSS6088005	Current Issue in Business and Technology	2	4
17	Management	BUSS6109005	Business Development	4	4
18	Management	BUSS6171005	Business Sustainability	4	4
19	Management	BUSS6173005	Managing Innovation and Knowledge	4	4
20	Management	MGMT6276005	Leadership & Managing Human Capital in Organization	4	4
21	Management	MGMT6371005	Human Resources Analytics	4	4
22	Management	MGMT6374005	Analysis on E-Business Investment	4	4
23	Management	MGMT6375005	Organizational Learning	4	4
24	Management	BUSS6069005	Business Simulation	2	5
25	Management	BUSS6163005	Organization Development Strategy	2	5
26	Management	BUSS6194005	Business Negotiation Strategy	2	5
27	Management	ISYS8175005	E-Business Strategy and Implementation	4	5
28	Management	MGMT6063005	Strategic Management	2	5
29	Management	MGMT6297005	Operations Management	4	5
30	Management	MGMT6341005	Strategic Management	4	5
31	Management	MGMT6412005	Customer Relationship Management	2	5
32	Accounting	ACCT7141020	Accounting Information System and Internal Control	2/2	4
33	Accounting Bekasi	ACCT6382020	Business Process Analysis and Solution	2	4
34	Accounting Bekasi	ACCT6389020	Big Data Analytics in Accounting & Finance	2	5
35	Marketing Communication	COMM6435019	Global Consumer Behavior	2	4
36	Marketing Communication	COMM6533019	Creative Program Design	2/2	4
37	Marketing Communication	COMM6540019	Communication & Public Affairs	2	4
38	Marketing Communication	COMM6514019	Editing for Creative Program	2/2	5
39	Marketing Communication	COMM6523019	Corporate Event Management	2/2	5
40	Marketing Communication	COMM6538019	Media Promotion & Marketing in Creative Broadcasting	2	5
41	Marketing Communication	COMM6539019	Media Convergence in Creative Broadcasting	2	5
42	Marketing Communication	COMM6541019	Digital Corporate Communication	2/2	5
43	Marketing Communication	COMM6543019	Digital Brand Communicaton	2/2	5
44	Tourism	TRSM6208022	Tourism Innovation and Product Development	4	5
45	Tourism	TRSM6196022	Tourism Community Empowerment	2	5
46	Architecture	ARCH6054014	Interior Design Principles	2	4
47	Architecture	ARCH6047014	Behavior in Architecture	2	5
48	Architecture	ARCH6128014	Multimedia in Design Presentation	4	5
49	Architecture	ARCH6130014	Architecture & Social Culture	4	5

No.	Course Owner Department	Course Code	Course Name	SCU	Semester
50	Architecture	ARCH6132014	Leadership Organization Behavior	4	5
51	Civil Engineering	CIVL6015013	Geosyntetics Application in Civil Engineering	2	5
52	Civil Engineering	COMP6046013	Computer Applications in Construction Management	2	5
53	Computer Engineering	CPEN6232010	Cloud Technology Practice	2	5
54	Food Tech	FOOD6073015	Current Issues in Food Technology	2	4
55	Industrial Engineering	ISYE6113011	Leadership & Organizational Behavior	2	4
56	Business Law	LAWS6110028	Cyber Law*	2	4
57	Business Law	LAWS6159028	Legal Aspect in Business	2	4
58	Business Law	LAWS6171028	Business Competition & Consumer Protection Law	2	4
59	Chinese Literature	CHIN6158026	Chinese Business in Daily Communication	4	4
60	English Literature	SOCS6021024	Social and Digital Media Writing	2	4
61	English Literature	ENGL6244024	Social Media Broadcasting	4	5
62	International Relations	INTR6148029	Multinational Corporations Global Strategy and Social Responsibility	2/2	4
63	International Relations	INTR8043029	International Media and State Role	4	4
64	International Relations	INTR6161029	Political Economy of Global Media	2	5
65	International Relations	INTR6162029	Multiculturalism and Digital Society	2	5
66	Japanese Literature	JAPN6116025	Japanese Corporate Culture and Management (Nihon No Kigyuu Bunka to Manejimento)	2	5
67	Primary Teacher Education	EDUC6061030	ICT for Distance Learning	2	5
68	Psychology	PSYC6130027	Human Performance Technology	4	4
69	Psychology	PSYC6123027	Educational Psychology	2	5
70	Cyber Security	COMP6582001	Computer Security	2	4
71	Cyber Security	COMP6646001	Computer Forensic	2	5
72	Game Application & Technology	GAME6082001	Game Animation	2	4
73	Mobile Application & Technology	MOBI6057001	Wearable Technology	2	5
74	Mobile Application & Technology	MOBI6059001	Mobile Programming	2	5
75	Statistics	RSCH6483001	Research Methodology in Data Science	2	5
76	Statistics	STAT6158001	Data Management and Organization	2	5
77	Computer Science	COMP6231001	Human and Computer Interaction	2/2	4
78	Computer Science	COMP6745001	Machine Learning	2	4
79	Computer Science	COMP7084001	Multimedia Systems	2/1	4
80	Computer Science	COMP6176001	Human and Computer Interaction	2/2	5
81	Computer Science	COMP6578001	Information Visualization	2	5
82	Computer Science	COMP6586001	Embedded Systems	2	5
83	Computer Science	COMP6144001	Web Programming	2/1	5
84	Animation	DSGN6692007	Character Animation	4	4
85	Animation	DSGN6693007	Motion Graphic	4	4
86	Animation	DSGN6694007	Visual Effect (VFX)	4	4
87	Animation	DSGN6689007	Concept Art & Production Design	2	5

No.	Course Owner Department	Course Code	Course Name	SCU	Semester
88	Animation	DSGN6690007	Animation Storytelling	2	5
89	Creative Advertising	DSGN6671007	Creative Writing for Commercials	4	4
90	Creative Advertising	MDIA6046007	Audio Visual (Pre Production and Production)	4	4
91	New Media	DSGN6743007	Digital Graphic Reproduction	4	4
92	Interior Design	DSGN6608008	Interior Design and culture	2	4
93	Interior Design	DSGN6611008	Business in Interior Design	2	4
94	Business Information Technology	ISYS6574003	Information Retrieval	4	4
95	Business Information Technology	ISYS6577003	Machine Learning & Foundations	2	4
96	Business Information Technology	ISYS6606003	Smart Application	2	4
97	Business Information Technology	ISYS6579003	Knowledge-Based AI: Cognitive Systems	4	5
98	Information Systems	BUSS6043003	Introduction to E-Business	4	4
99	Information Systems Accounting & Auditing	ISYS6608003	IT Service & Risk Management	2	5
100	Information Systems Accounting & Auditing	ISYS6050003	Information System Audit Fundamental	4	5

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	IS	etc	IN	RS	EN	CD	SA	IS	FS	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							
10	v							v							
11	v								v						
12	v										v				
13	v											v			
14						v		v							
15						v			v						
16						v					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		

Note:

IN	: Internship	SA	: Study Abroad
RS	: Research	FS	: Further Study
EN	: Entrepreneurship	IS	: Certified Specific Independent Study
CD	: Community Development	etc	: Study Program Special Purposes

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**

Certified Internship Track

Code	Course Name	SCU	Total
Enrichment Program I			20
ISYS6215003	Experience in Industry	8	
COMM6553003	Business & Professional Communication	8	
ISYS6192003	Requirement and Solution for Information Systems	4	
Enrichment Program II			20
ISYS6347003	Professional Program in Industry	8	
ISYS6845003	Design and Evaluation for Information Systems	8	
BUSS6249003	Business Ethic and Social Responsibility	4	

Certified Entrepreneurship Track

Code	Course Name	SCU	Total
Enrichment Program I			20
ENTR6949003	New Venture Initiation in Information Systems	8	
ENTR6596003	Product Development Process for Information Technology Business	8	
ENTR6950003	EES in New Information Systems Business I	4	
Enrichment Program II			20
ENTR6951003	Product Launching in Information Systems	8	
ENTR6597003	Business Development for Information Technology Business	8	
ENTR6952003	EES in New Information Systems Business II	4	

Certified Research Track

Code	Course Name	SCU	Total
Enrichment Program I			20
RSCH6275003	Research Experience	8	
RSCH6510003	Scientific Writing in Information Systems Research	8	
RSCH6460003	EES in Information Systems Research	4	20
Enrichment Program II			
RSCH6412003	Information Systems Research Experience	8	
RSCH6511003	Scientific Writing in Information Systems	8	20
RSCH6414003	Global Employability and Entrepreneurial Skills in Information Systems Research	4	

Certified Community Development Track

Code	Course Name	SCU	Total
Enrichment Program I			20
CMDV6156003	Community Outreach Project Implementation	8	
CMDV6289003	Community Outreach Project Design in Information Systems	8	
CMDV6259003	Employability and Entrepreneurial Skills in Information Systems Community	4	20
Enrichment Program II			
CMDV6260003	Community Development Project Implementation	8	
CMDV6290003	Community Development Project Design in Information Systems	8	20
CMDV6262003	Employability and Entrepreneurial Skills in Information Systems Community Development	4	

Certified Study Abroad Track

Code	Course Name	SCU	Total
Elective courses list for study abroad*			20
Enrichment Program I/II			
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	

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

Certified Specific Independent Study

Code	Course Name	SCU	Total
Elective courses list for certified specific independent study*			20
Enrichment Program I			
MICR6033003	Course Certification I	3	
MICR6034003	Technical Skill Enrichment I	4	
MICR6035003	Industrial Project I	9	
MICR6036003	Soft Skill Enrichment I	4	
MICR6001003	Elective Course for Micro Credential Course 1	8	
MICR6002003	Elective Course for Micro Credential Course 2	8	
MICR6003003	Elective Course for Micro Credential Course 3	6	
MICR6004003	Elective Course for Micro Credential Course 4	6	
MICR6005003	Elective Course for Micro Credential Course 5	6	
MICR6006003	Elective Course for Micro Credential Course 6	5	
MICR6007003	Elective Course for Micro Credential Course 7	5	
MICR6008003	Elective Course for Micro Credential Course 8	5	
MICR6009003	Elective Course for Micro Credential Course 9	5	
MICR6010003	Elective Course for Micro Credential Course 10	4	
MICR6011003	Elective Course for Micro Credential Course 11	4	
MICR6012003	Elective Course for Micro Credential Course 12	4	
MICR6013003	Elective Course for Micro Credential Course 13	4	
MICR6014003	Elective Course for Micro Credential Course 14	4	
MICR6015003	Elective Course for Micro Credential Course 15	3	
MICR6016003	Elective Course for Micro Credential Course 16	3	
MICR6017003	Elective Course for Micro Credential Course 17	3	
MICR6018003	Elective Course for Micro Credential Course 18	3	
MICR6019003	Elective Course for Micro Credential Course 19	3	
MICR6020003	Elective Course for Micro Credential Course 20	3	
MICR6021003	Elective Course for Micro Credential Course 21	2	
MICR6022003	Elective Course for Micro Credential Course 22	2	
MICR6023003	Elective Course for Micro Credential Course 23	2	
MICR6024003	Elective Course for Micro Credential Course 24	2	
MICR6025003	Elective Course for Micro Credential Course 25	2	
MICR6026003	Elective Course for Micro Credential Course 26	2	
MICR6027003	Elective Course for Micro Credential Course 27	2	
MICR6028003	Elective Course for Micro Credential Course 28	2	
MICR6029003	Elective Course for Micro Credential Course 29	1	
MICR6030003	Elective Course for Micro Credential Course 30	1	

Code	Course Name	SCU	Total
MICR6031003	Elective Course for Micro Credential Course 31	1	
MICR6032003	Elective Course for Micro Credential Course 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, electives 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.

Further Study Track

Code	Course Name	SCU	Total
Enrichment Program II (Master of Management Information Systems: Information Systems Strategic Management Stream)			20
ISYS6829003	Digital Technology and Transformation	4	
ISYS6830003	Data Analytics for Business	6	
ISYS6831003	Applied Technology in Information Systems*	4	
ISYS6849003	Strategic Planning for Information Systems	6	
Enrichment Program II (Master of Management Information Systems: Digitalpreneurship Stream)			
ISYS6829003	Digital Technology and Transformation	4	
ISYS6830003	Data Analytics for Business	6	
ISYS6831003	Applied Technology in Information Systems*	4	
ISYS6848003	New Media Ventures and Innovation	6	
Enrichment Program II (Master of Computer Science: Data Science Stream)			20
COMP6816003	Wireless and Cloud Computing Technologies	4	
COMP6997003	IT Disaster Recovery	6	
COMP6981003	Applied Technology in Computer Science*	4	
COMP6998003	Knowledge Engineering	6	
Enrichment Program II (Master of Computer Science: Information Security Management)			
COMP6816003	Wireless and Cloud Computing Technologies	4	
COMP6997003	IT Disaster Recovery	6	
COMP6981003	Applied Technology in Computer Science*	4	
COMP6980003	Networking and Security Concepts	6	
Enrichment Program II (Master of Industrial Engineering)			20
ISYE6316003	Advanced Supply Chain Management and Operations	4	
ISYE6317003	System Simulation and Analytics	6	
ISYE6319003	Applied Business Engineering Project*	4	
ISYE6318003	Industrial Product Design and Production	6	
Enrichment Program II (Master of Accounting)			20
ACCT6511003	COSO Framework Internal Control & Fraud Prevention	4	
ACCT6503003	Risk Assessment Analytics	6	
FINC6220003	Financial Reporting Decisions	6	
ACCT6505003	Applied Technology in Accounting*	4	

*) Students are required to obtain certification no later than the end of the first semester of the master's (S2) program, as outlined in the university's official guidelines. This certification will be transferred as an undergraduate (S1) course and reported in the seventh semester of the undergraduate program.

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.	ISYS6126	Enterprise System	C
4.	ISYS6535003	Information Systems Analysis and Design*	C
5.	ISYS6198003	Data and Information Management*	C
6.	ISYS6256003	Information Systems Project Management	C
Streaming : Business Intelligence			
7.	ISYS6613003	Business Intelligence*	C
8.	ISYS6200003	Data Warehouse	C
Streaming : Strategic Information System			
7.	ISYS6614003	IS Strategy, Management and Acquisition	C
8.	ISYS6205003	Enterprise Architecture	C
Streaming : Digital Technology			
7.	ISYS6615003	e-Business Design*	C
8.	ISYS6187003	Business Web Solution	C
Streaming : Applied ERP			
7.	ISYS6614003	IS Strategy, Management and Acquisition	C
8.	ISYS6205003	Enterprise Architecture*	C
Streaming : Applied Database			
7.	ISYS6613003	Business Intelligence*	C
8.	ISYS6201003	Data Warehouse and Data Mining	C

*) Tutorial & Multipaper