

## Information System

### Introduction

The need for Information Technology (IT) in the business industry has shifted into an environment that is more outward looking 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 for the whole organization and strengthen its competitiveness.

As a discipline, Information systems have been making positive contributions to a wide range of organizations, especially in this era of digital transformation where information can be accessed and distributed easily. Information systems help the 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 development (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.

Information System (IS) study program BINUS @Semarang support industrial revolution 4.0, especially in data analytics. The streaming offered in the Information Systems study program BINUS @Semarang is Marketing Intelligence. Information Systems BINUS @Semarang students can carry out the mobility program to other campuses (Jakarta, Bandung, Malang, Bekasi) after semester 3.

### Vision

A world class information system study program specialized in IT-business supporting the industrial revolution, recognized internationally, and champions innovation for fostering and empowering the society.

### Mission

1. Nurturing students and lecturers with creative and value-adding talents in Information System by creating a suitable environment to support industrial revolution;
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 in preparation for the industrial revolution;
3. Providing integrated knowledge to pursue further studies and create outstanding professionals, entrepreneurs, and leaders for a global community ready for industrial revolution;
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

### The objectives of the program are:

1. (PO 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 who are ready for industrial revolution, as well as increasing the skills and knowledge of educators in the information systems field;

2. ( PO 2) Preparing students with proficiency and in-depth knowledge of innovative information systems related to IT-Business Innovation.
3. (PO 3) To equip students with the ability to use knowledge of applied business applications for specific industrial purposes;
4. (PO 4) Equip the community with expertise and knowledge through the use of information system solutions;
5. (PO 5) Provide education to the public regarding the use and application of information systems.

### **Student Outcomes**

After completing the study, graduates are:

1. SO 1) *Able to analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.*
2. (SO2) *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. (SO3) *Able to communicate effectively in a variety of professional contexts.*
4. (SO4) *Able to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.*
5. (SO5) *Able to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.*
6. (SO6) *Able to support the delivery, use, and management of information systems within an information systems environment.*

After finishing the program, the graduate of Information System Program could follow a career as:

1. System Analyst
2. Business Analyst
3. Data Analyst
4. Software Engineer
5. UX Designer
6. IT Auditor
7. Quality Assurance
8. Project Manager
9. Database Administrator
10. Entrepreneur
11. IT Consultant
12. Cyber Security Analyst
13. Researcher

### **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 an 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.

**Course Structure**

Sem	Code	Course Name	SCU	Total
1	CHAR6044052	Character Building: Pancasila	2	20
	ISYS6909052	Information Systems Management, Strategy and Acquisition <sup>1</sup>	4	
	ISYS6905052	Enterprise Business Process <sup>2</sup>	4	
	ISYS6724052	User Experience Research and Design <sup>2</sup>	4/2	
	ISYS6911052	Algorithm and Programming	2/2	
	<b>Foreign Language Courses</b>			
2	CHAR6045052	Character Building: Kewarganegaraan	2	20
	ISYS6903052	Database Fundamental <sup>1&amp;2</sup>	4/2	
	ISYS6910052	Digital Innovation	2	
	ISYS6906052	IT Infrastructure & Emerging Technology	4	
	ISYS6913052	IT Governance & Security <sup>2</sup>	4	
	COSC6061052	Foundations of Artificial Intelligence	2	
<b>Foreign Language Courses</b>			0	
3	CHAR6043052	Character Building: Agama	2	20
	LANG6114052	Indonesian	2	
	INFS6070052	Data and Information Management <sup>2</sup>	2	
	COSC6067052	Programming for Business	2/2	
	ISYS6904052	Information Systems Analysis and Design <sup>2</sup>	4/2	
	ISYS6727052	Testing and Systems Implementation <sup>1</sup>	2	
	INFS6071052	Fundamental of Mathematics and Statistics	2	
<b>Foreign Language Courses</b>			0	
4	ENPR6099052	Entrepreneurship: Prototyping	2	22
	ISYS6907052	Data Modelling	4	
	ISYS6750052	Information Systems Project Management <sup>1&amp;2</sup>	4	
	ISYS6936052	Research Methods in Information Systems	4	
	<b>Stream : Marketing Intelligence<sup>1)</sup></b>			
	ISYS6755052	Marketing Intelligence	4	
	ISYS6756052	Social Media Marketing & Analytics	4	
	<b>Stream : Business Intelligence<sup>3)</sup></b>			
	ISYS6914003	Cloud Database	4	

	ISYS6915003	Data Visualization	4	
	<b>Stream : IT Governance<sup>3)</sup></b>			
	ISYS6916003	Information Systems Audit	4	
	ISYS6917003	IT Service and Risk Management	4	
	<b>Stream: Digital Technology Automation<sup>3)</sup></b>			
	ISYS6918003	Process Automation Development	4	
	ISYS6203003	Mobile Applications Development	2/2	
	<b>Stream : Enterprise Resource Planning<sup>3)</sup></b>			
	ISYS6205003	Enterprise Architecture2	4	
	ISYS6442003	Applied ERP: Fundamental	4	
	<b>Stream : User Experience<sup>3)</sup></b>			
	ISYS6919003	User Experience Design Principles and Concept	4	
	ISYS6920003	Web Design Essentials	2/2	
	<b>Streaming : Cloud Computing<sup>3)</sup></b>			
	ISYS6734003	Cloud Computing Foundation1	4	
	ISYS6735003	Enterprise Cloud Security and Governance2	4	
	<b>Minor Program</b>		8	
	<b>Free Electives</b>		8	
	<b>Multidisciplinary Stream</b>		8	
	<b>Foreign Language Courses</b>		0	
5	ENPR6100052	Entrepreneurship: Market Validation	2	18
	ISYS6912052	Minor Project in Information Systems	4	
	<b>Stream : Marketing Intelligence<sup>1)</sup></b>			
	ISYS6713052	Managing Content Marketing System	4	
	ISYS6714052	Marketing Automation System	4	
	ISYS6715052	Search Engine Optimization	4	
	<b>Stream : Business Intelligence<sup>3)</sup></b>			
	ISYS6921003	Database Programming with PL/SQL	4	
	ISYS6922003	Enterprise Data Warehouse2	4/2	
	ISYS6923003	Big Data Architecture1	2	
	<b>Stream : IT Governance<sup>3)</sup></b>			
	ISYS6924003	Cyber Security Governance & Compliance <sup>1&amp;2</sup>	4	
	ISYS6925003	Digital Forensic Analysis and Reporting	4	
	ISYS6926003	Penetration Testing	4	

<b>Stream : Digital Technology Automation<sup>3)</sup></b>				
	ISYS6927003	Business Analysis for Automation	4	
	ISYS6289003	Collaborative Computing1&2	4	
	ISYS6920003	Web Design Essentials	2/2	
<b>Stream : Enterprise Resource Planning<sup>3)</sup></b>				
	ISYS8066003	Business Process Management	4	
	ISYS6696003	Applied ERP: Integrated Business Process <sup>1&amp;2</sup>	8	
<b>Stream : User Experience<sup>3)</sup></b>				
	ISYS6929003	User Research & Evaluation for Experience Design <sup>2</sup>	4	
	ISYS6930003	Advanced Prototyping and Interaction Design	2/2	
	ISYS6931003	Information Architecture & UX Writing <sup>1</sup>	4	
<b>Streaming : Cloud Computing<sup>3)</sup></b>				
	ISYS6736003	Cloud Architecting1	4	
	ISYS6737003	Cloud Data Analytics2	4	
	ISYS6738003	Cloud Machine Learning	4	
	<b>Minor Program</b>		12	
	<b>Free Electives</b>		12	
	<b>Multidisciplinary Stream</b>		12	
6	<b>Enrichment Program I</b>		20	20
7	<b>Enrichment Program II</b>		20	20
8	ISYS6758052	Pre-Thesis	2	6
	ISYS6759052	Thesis	4	
	ISYS6760052	Thesis	6	
<b>TOTAL CREDITS 146 Credits</b>				

1) This course is delivered in English

2) Global Learning System course

3) Entrepreneurship embedded

Students will take foreign language courses according to BINUS University English proficiency test results. See foreign language courses appendix for the detail.

**Streaming/Minor/Free Electives:**

-) For 4<sup>th</sup> Semester: Students are required to choose one of the Stream or Minor Program or Free Electives or Multidisciplinary Stream or Mobility.

\*The detail of mobility, including streaming name and course information, may be subject to change at any time depending on the curriculum requirements of each campus. Students will be informed about any updates to mobility streaming during the registration period.

-) For 5<sup>th</sup> Semester: Students will continue to study one of the Stream or Minor Program or Free Electives or Multidisciplinary Stream or Mobility that has been chosen in semester 4.

\*The detail of mobility, including streaming name and course information, may be subject to change at any time depending on the curriculum requirements of each campus. Students will be informed about any updates to mobility streaming during the registration period.

-) For 6 & 7<sup>th</sup> Semester: Student will take one of enrichment program tracks (off campus). See enrichment appendix for the track detail

-) For 8<sup>th</sup> Semester: 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.*

**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 – Beelingua.

**Appendix Foreign Language Courses**

Foreign Language Courses		SCU
ENGL6264052	English for Frontrunners	0
ENGL6265052	English for Independent Users	0
ENGL6266052	English for Professionals	0
JAPN6207052	Basic Japanese Language	0
CHIN6184052	Basic Chinese Language	0

1. Students with Binus University English Proficiency Test score less than 437 are required to take English for Frontrunners and English for Independent Users.

2. Students with Binus University English Proficiency Test score less than 520 are required to take English for Independent Users and English for Professionals.
3. Students with Binus University English Proficiency Test score equal to or greater than 520 are required to take English for Professionals and choose 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 – Beelinguua.

### Minor Scheme

Minor Program	Semester 4	Semester 5
<b>Minor @ Binus Kemanggisian</b>		
Blockchain Technology and Business	v	v
Creative Digital Storytelling	-	-
Cross Cultural Communication	-	-
Data Analytics	-	-
Digital Banking	v	v
Digital Ecosystem	v	v
Event Business and Entertainment	-	-
Human Capital in Digital Workplace	v	v
Interactive & Users Experience Design	-	-
Robotic Process Automation	-	-
Sustainable Development	-	-
<b>Minor @ Binus Alam Sutera</b>		
Digital Transformation	v	v
<b>Minor @ Binus Bekasi</b>		
Culinary	-	-
Virtual Services Experience	-	-
<b>Minor @ Binus Malang</b>		
Digital Technopreneur	v	v
<b>Minor @ Binus Bandung</b>		
DesignPreneur	v	v
<b>Minor @ Binus Semarang</b>		
Content Creation	-	-
Metaverse in Business	v	v

The minor programs can change anytime based on the trends of knowledge and industry each year. Students will receive information about the updated minor programs during the registration period.

### 1. Minor Program: Blockchain Technology and Business

#### Introduction

Blockchain is currently one of the fastest-growing industries in the technology sector. Also, based on Gemini's 2022 outlook, Indonesia is the most crypto-adopting country in Asia. The blockchain minor program initiative at BINUS could facilitate the students to learn and explore the technology. The Blockchain minor program explores the concept and development of blockchain from the technology and business perspectives. Beyond the blockchain concept, students will learn how to develop smart contracts and understand the architectural needs of a blockchain-

based application. Finally, students will apply their knowledge in a project-oriented capstone course, during which they will design and develop a practical application of blockchain technology.

### Career Options

Blockchain Consultant, Blockchain Architect, Blockchain Security Auditor, Token Economy Consultant, Smart Contract Developer, Web3 Entrepreneur.

### Course Distribution

#### Fundamental Courses

Course	SCU
ISYS6826003 Introduction to Blockchain Technology	4
ISYS6827003 Blockchain Economy & Business	4
DTSC6016001 Basic Blockchain Programming	2
<b>Total SCU</b>	<b>10</b>

#### Minor Supporting Courses

Course	SCU
ISYS6828003 Blockchain Architecture Design and Implementation	4
DTSC6017001 Advanced Blockchain Programming	2
DTSC6018001 Prototyping Blockchain Project	4
<b>Total SCU</b>	<b>10</b>

#### Additional Information

None

## 2. Minor Program: Digital Banking

### Introduction

A set of elective courses students can take from selected study programs at Binus University. This set aims to;

- a. Comprehensive understanding of various concepts and practices in digital banking.
- b. Critically Evaluate the implementation of digital banking for business optimization.
- c. Apply relevant techniques of digital banking for business.
- d. Develop solutions for various problems in digital banking.

### Career Options

This minor would substantially contribute to the banking profession in Indonesia and its ecosystem (regulators, IT-Business Consultant, Financial Analysts, and other Finance Professions).

## Course Distribution

### Fundamental Courses

Course	SCU
ISYS6824003 Technology Innovation in Banking	2
FINC6217020 Bank Risk Management in the Digital Era	4
FINC6218020 Digital Finance and The Role of Central Bank	4
<b>Total SCU</b>	<b>10</b>

### Supporting Courses

Course	SCU
MGMT6510005 Business Process Management in Banking and Finance	4
ISYS6825003 Data Analytics in Banking and Finance	4
MGMT6511005 Digital Leadership	2
<b>Total SCU</b>	<b>10</b>

### Additional Information

None

### 3. Minor Program: Digital Ecosystem

#### Introduction

To face challenges in the era of technological disruption and the wave of the 4.0 industrial revolutions, this minor program offers foundational knowledge about the digital ecosystem in the 4.0 industrial revolutions. Through this minor program, students will be able to develop fundamental knowledge about main pillars of the digital ecosystem, such as informatics, business, and creative design. Students will also be able to combine the knowledge they gain from their respective majors with information technology to develop real solutions for society.

#### Career Options

Chief technology officer, digital business strategy expert/consultant, digital solution architect, digital business strategy manager, digital operations manager.

## Course Distribution

### Fundamental Courses

Course	SCU
COMP6683001 Introduction to Artificial Intelligence	2/2
ISYS6549003 Digital Innovation	4
COMP6937001 Current Trends in Technology	2
<b>Total SCU</b>	<b>10</b>

### Supporting Course

Course	SCU
COMM6501019 Narrative Development	4
DSGN6834007 Visual Identity	4
COMP6685001 Cyber Security for Business	2
<b>Total SCU</b>	<b>10</b>

#### Additional Information

None

#### 4. Minor Program: Human Capital In Digital Workplace

##### Introduction

HCDW focuses on the human aspect of improving performance and developing human resources in the Industrial 4.0 era, which utilizes a significant number of digital and mobile workspaces.

##### Career Options

Human resource consultant, human resource manager, HR application developer (HRIS developer), HR development consultant

##### Course Distribution

###### Fundamental Courses

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
<b>Total SCU</b>	<b>20</b>

#### Additional Information

None

#### 5. Minor Program: Digital Transformation

##### Introduction

Digital Transformation provides knowledge on how information technology can be a competitive advantage in business processes. In this minor program, students will learn about innovation in business processes, data management, and strategies that can support companies to become leaders in the digital era.

##### Career Options

Business Analyst, System Analyst, Corporate Information Systems Designer, Database Administrator, Database Designer, Technopreneur, IS Project Manager, IT/IS Consultant and Auditor, Social Media professional, and Marketing Analyst

##### Course Distribution

###### Fundamental Courses

Course	SCU
ISYS6559003 Business Models and Technology Innovation	4
ISYS6557003 Business Data Management	4
MGMT6484005 Digital Strategy	2
<b>Total SCU</b>	<b>10</b>

#### Supporting Courses

Course	SCU
ISYS6695003 Digital Marketing Analysis	4
STAT6200049 Practical Statistics for Digital Business	4
ISYS6560003 Success Factor for Leading Digital Transformation	2
<b>Total SCU</b>	<b>10</b>

#### Additional Information

None

### 6. Minor Program: Digital Technopreneur

#### Introduction

Digital Technopreneur is a minor program that facilitates students in exploring the potentials of developing digital technology venture that combines technical competence with entrepreneurial skills, creativity, and innovative ideas to produce digital technology business models & prototypes. The minor program embraces the human-centered approach in helping students to develop innovative value propositions.

#### Career Options

Entrepreneur, Digital-preneur, Techno-preneur, Creative-preneur, Design-preneur.

#### Course Distribution

##### Fundamental Courses

Course	SCU
ENTR6528002 The Entrepreneurial Innovator	4
DSGN6839006 Interactive Design	4
COMM6504018 Digital Branding	2
ENPR6196002 Market Intelligence	2
COMP6687004 User Experience Design	4
DSGN6844023 Prototyping Digital Future	4
<b>Total SCU</b>	<b>20</b>

#### Additional Information

None

## 7. Minor Program: Designpreneur

### Introduction

The Designpreneur Minor program give students the ability to be able to produce innovative work in the form of products or services based on creativity and design that can be utilized in running or developing a business.

### Career Options

Design journalist, product designer, packaging designer, service system designer, service process analyst, creative director, sociopreneur.

### Course Distribution

#### Fundamental Courses

Course	SCU
ENTR6525032 Fundamental of Designpreneur	4
COMP6688031 UI/UX Development	4
DSGN6797034 Surface Packaging Design	4
ENTR6526032 Hospitality and Service Design	4
DSGN6843033 Project Design	4
<b>Total SCU</b>	<b>20</b>

### Additional Information

None

## 8. Minor Program: Metaverse In Business

### Introduction

The objective of the Metaverse in Business minor program in general is to offer a new learning experience in business innovation in the digital world. After completing the Metaverse in Business minor program, students will be able to design Virtual Reality applications so that they are able to present users in a virtual world, as if they are in another place, and develop Augmented Reality applications to present virtual effects in the real world.

### Career Options

AR/VR Designer, AR/VR Developer, AR/VR Engineer, AR/VR Researcher

### Course Distribution

#### Fundamental Courses

Course	SCU
ISYS6777052 Business Model	2
COMP6889051 Virtual Reality	4
COMP6890051 Augmented Reality	4
<b>Total SCU</b>	<b>10</b>

#### Supporting Courses

Course	SCU
ISYS6778052 Data Analytics	2

DSGN6981053	Design Thinking	4
DSGN6980053	Interface Design	4
<b>Total SCU</b>		<b>10</b>

### Additional Information

None

### Appendix: Free Electives (4<sup>th</sup> Semester & 5<sup>th</sup> Semester)

Students will receive information about Free Electives during the registration period.

### Enrichment Program I (6<sup>th</sup> Semester) & Enrichment Program II (7<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 6						Semester 7						
	IN	RS	EN	CD	SA	IS	IN	RS	EN	CD	SA	IS	FS
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	

### Description :

IN : Certified Internship

SA : Certified Study Abroad

RS : Certified Research

IS : Certified Specific Independent Study

EN : Certified Entrepreneurship

CD : Certified Community Development

FS : Further Study

**Note :**

Student can choose one of the existing tracks

**Certified Internship Track**

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			
ISYS6761052	Experience in Industry	8	20
ISYS6762052	Requirement and Solution for Information Systems	8	
COMM6662052	Business & Professional Communication	4	
<b>Enrichment Program II</b>			
ISYS6763052	Professional Program in Industry	8	20
ISYS6764052	Design and Evaluation for Information Systems	8	
BUSS6232052	Business Ethic and Social Responsibility	4	

**Certified Entrepreneurship Track**

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			
ENPR6130052	New Venture Initiation in Information Systems	8	20
ENPR6131052	Product Development Process for Information Technology Business	8	
ENPR6132052	EES in New Information Systems Business I	4	
<b>Enrichment Program II</b>			
ENPR6133052	Product Launching in Information Systems	8	20
ENPR6134052	Business Development for Information Technology Business	8	
ENPR6135052	EES in New Information Systems Business II	4	

**Certified Research Track**

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			
RSCH6642052	Research Experience	8	20
RSCH6643052	Scientific Writing in Information Systems Research	8	
RSCH6644052	EES in Information Systems Research	4	
<b>Enrichment Program II</b>			
RSCH6645052	Information Systems Research Experience	8	20
RSCH6646052	Scientific Writing in Information Systems	8	
RSCH6647052	Global Employability and Entrepreneurial Skills in Information Systems Research	4	

**Certified Community Development Track**

Code	Course Name	SCU	Total
<b>Enrichment Program I</b>			
CMDV6413052	Community Outreach Project Implementation	8	20
CMDV6414052	Community Outreach Project Design in Information Systems	8	

Code	Course Name	SCU	Total
CMDV6415052	Employability and Entrepreneurial Skills in Information Systems Community	4	<b>20</b>
<b>Enrichment Program II</b>			
CMDV6416052	Community Development Project Implementation	8	
CMDV6417052	Community Development Project Design in Information Systems	8	
CMDV66418052	Employability and Entrepreneurial Skills in Information Systems Community Development	4	

### Certified Study Abroad Track

Code	Course Name	SCU	Total
<b>Elective courses list for study abroad*</b>			<b>20</b>
<b>Enrichment Program I/II</b>			
GLOB6455052	Elective Course for Study Abroad 1	4	
GLOB6456052	Elective Course for Study Abroad 2	4	
GLOB6457052	Elective Course for Study Abroad 3	4	
GLOB6458052	Elective Course for Study Abroad 4	4	
GLOB6459052	Elective Course for Study Abroad 5	2	
GLOB6460052	Elective Course for Study Abroad 6	2	
GLOB6461052	Elective Course for Study Abroad 7	2	
GLOB6462052	Elective Course for Study Abroad 8	2	
GLOB6463052	Elective Course for Study Abroad 9	2	
GLOB6464052	Elective Course for Study Abroad 10	2	
GLOB6465052	Elective Course for Study Abroad 11	2	
GLOB6466052	Elective Course for Study Abroad 12	2	
GLOB6467052	Elective Course for Study Abroad 13	2	

\*) Transferred courses will be transferred based on credit transfer policies on study program with total of 16 credits.

### Certified Specific Independent Study Track

Code	Course Name	SCU	Total
<b>Elective courses list for certified specific independent study*</b>			<b>20</b>
CSIS6061052	Course Certification	3	
CSIS6062052	Technical Skill Enrichment	4	
CSIS6063052	Industrial Project	9	
CSIS6064052	Soft Skill Enrichment	4	
CSIS6065052	Elective Course for Specific Independent Study 1	8	
CSIS6066052	Elective Course for Specific Independent Study 2	8	
CSIS6067052	Elective Course for Specific Independent Study 3	6	
CSIS6068052	Elective Course for Specific Independent Study 4	6	
CSIS6069052	Elective Course for Specific Independent Study 5	6	
CSIS6070052	Elective Course for Specific Independent Study 6	5	
CSIS6071052	Elective Course for Specific Independent Study 7	5	
CSIS6072052	Elective Course for Specific Independent Study 8	5	

Code	Course Name	SCU	Total
CSIS6073052	Elective Course for Specific Independent Study 9	5	
CSIS6074052	Elective Course for Specific Independent Study 10	4	
CSIS6075052	Elective Course for Specific Independent Study 11	4	
CSIS6076052	Elective Course for Specific Independent Study 12	4	
CSIS6077052	Elective Course for Specific Independent Study 13	4	
CSIS6078052	Elective Course for Specific Independent Study 14	4	
CSIS6079052	Elective Course for Specific Independent Study 15	3	
CSIS6080052	Elective Course for Specific Independent Study 16	3	
CSIS6081052	Elective Course for Specific Independent Study 17	3	
CSIS6082052	Elective Course for Specific Independent Study 18	3	
CSIS6083052	Elective Course for Specific Independent Study 19	3	
CSIS6084052	Elective Course for Specific Independent Study 20	3	
CSIS6085052	Elective Course for Specific Independent Study 21	2	
CSIS6086052	Elective Course for Specific Independent Study 22	2	
CSIS6087052	Elective Course for Specific Independent Study 23	2	
CSIS6088052	Elective Course for Specific Independent Study 24	2	
CSIS6089052	Elective Course for Specific Independent Study 25	2	
CSIS6090052	Elective Course for Specific Independent Study 26	2	
CSIS6091052	Elective Course for Specific Independent Study 27	2	
CSIS6092052	Elective Course for Specific Independent Study 28	2	
CSIS6093052	Elective Course for Specific Independent Study 29	1	
CSIS6094052	Elective Course for Specific Independent Study 30	1	
CSIS6095052	Elective Course for Specific Independent Study 31	1	
CSIS6096052	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, 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

Students will receive information about Further Study Track courses during the registration period.

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

No	Code	Course Name	Minimum Passing Grade
1	CHAR6044052	Character Building: Pancasila	B
2	ENPR6100052	Entrepreneurship: Market Validation	C
3	ISYS6905052	Enterprise Business Process*	C
4	ISYS6903052	Database Fundamental*	C

5	ISYS6904052	Information Systems Analysis and Design*	C
6	ISYS6751052	Data and Information Management	C
7	ISYS6750052	Information Systems Project Management	C
8	ISYS6912052	Minor Project in Information Systems	C

\*) Tutorial

