Architecture

Introduction

The Architecture Study Program at BINUS UNIVERSITY has taken the steps to design the curriculum in order to anticipate the developments of information technology in the global era and to fulfill market demand.

The subjects of the core curriculum are based on several competencies such as: Personal Development, Science and Skills, Working Expertise, Working Behavior, and Community Involvement. The required minimum credits that have to be taken are 146 credits. This curriculum will allow the opportunity to increase the knowledge and technology in architecture, to provide knowledge for those who want to be an entrepreneur in architectural work, and to pursue professional education or further studies in the master program (S2) and doctorate program (S3).

The Architecture Study Program focuses on delivering graduates of architecture who are ready to work, and are innovative since they are comprehensively educated with an integrated environmental concept and strong cultural values. Furthermore, mastery in information technology becomes a value-added as a graduate of Architecture of BINUS UNIVERSITY.

Vision

A World Class Architecture Department in Fostering and Empowering the Society to Improve the Quality of Life Through Innovation & Technology in Planning and Designing Architecture.

Mission

The mission of Architecture Department is to contribute to the global community through the provision of world-class education by:

1. Educating students to develop exemplary characters through holistic approach that meets global standards to improve the quality of life through innovation & technology in planning and designing architecture.
2. Resolving the urban environment issues through high impact research to improve quality of life.
3. Fostering students as lifelong learners through self-enrichment in architecture.
4. Empowering students to continuously improve society's quality of life that instilling local values and global awareness.

Program Objectives

The objectives of the program are:

1. To provide architectural education through multidisciplinary knowledge, innovation & technology that will shape the student's careers.
2. To provide students with the ability to solve the problems through research that focuses on sustainable architecture.
3. To prepare students with the ability self-enrichment in architecture to improve society's quality of life.

Student Outcomes

After completing the study, graduates are:

1. Ability to create architectural designs that are innovative based on research, which describes user activities and space requirements, environmental context, local values in urban context.
2. Ability to explain architectural theories of cultural, environment and urban context to support architectural design.
3. Ability to apply concepts and principles of building system supporting architectural design.
4. Ability to master hardskills & softskills to achieve Graduate Atributes.

5. Ability to prepare entrepreneurial concept to support career path.
6. Able to apply interdisciplinary knowledge and skills in developing alternative solutions for problem-solving.

Prospective Career of the Graduates

The graduate of the Architecture Study Program will have sufficient knowledge of Planning, Programming, and Designing, Building Technology, Project Management, Property Management, Interior Design and Mastery of Information Technology.

Therefore, the graduate of Architecture has the choice of a wide range of professions that include:

1. Consultancy : Architect
2. Construction : Engineer, Contractor
3. Construction Management : Construction Manager
4. Banking : Credit Analyst (Appraisal)
5. Property : Building Manager, Marketing, Real Estate Manager
6. Interior : Interior Designer
7. Development : Planner, Urban Designer, Developer
8. Information Technology : 3D Animator
9. Research : Researcher
10. Media (Printed or Electronic media) : Architecture Journalist, Writer, Editor
11. Independent Business : Freelance Architect
12. Education : Lecturer and Instructor

Curriculum

Famous for its reputation in Information Technology, BINUS UNIVERSITY has developed its expertise in the field of architecture that has orientation in computing or ICT either in design processing or in building operations. Architecture Study Program of BINUS UNIVERSITY updates with the development of information technology in architecture as today, the industry requires employees to have mastery in information technology. Based on these qualifications, the Architecture Study Program focused on the implementation of information of technology in the architectural design as the core competency in which this core competency has to be mastered by every student. The curriculum also has enrichment program such as internship and industrial experience for each student. The curriculum is based on both the National Curriculum and Architecture Study Program Association. Additionally, in order to fulfill the requirement of housing facility and sustainable development, the Architecture Study Program at BINUS UNIVERSITY also include "sustainable human settlement" as a part of its curriculum. All of the curricula are supported by MCL (Multi Channel Learning) system namely BINUS Maya. It assists the students in the learning activity so that the students are able to study systematically integrated with BINUS Maya.

Elective Group

The objective of this group is to provide the students with the insight knowledge and skills required by business and industry. The materials for this group will always be updated in accordance with the latest market demands so that graduates are ready to participate in and face the competition of the job market. The elective group contains three concentration subjects.

Concentration Subject:
1. **Architectural Streaming**
2. **Minor Program**
3. **Free Electives Program**

All subjects of Architecture are distributed in 8 semesters. The concentration subjects (stream) are opened in the 4th Semester to 8th Semester.

Course Structure

Sem	Course		SCU	Total
1	CHAR6013014	Character Building: *Pancasila*	2	20
	ARCH6042014	Architectural Design I[1&2] *(AOL)*	4	
	ARCH6018014	Building Technology I[1] *(AOL)*	4	
	ARCH6120014	Design Thinking I[1] *(AOL)*	2	
	ARCH6121014	Architectural History[1] *(AOL)*	2	
	ARCH6001014	Introduction to Architecture[1] *(AOL)*	2	
	ARCH6061014	Sustainable Architecture[1&2] *(AOL)*	2	
	ARCH6122014	Computational Architecture[1] *(AOL)*	2	
	Foreign Language Courses		0	
2	CHAR6014014	Character Building: *Kewarganegaraan*	2	20
	COSC6011014	Foundations of Artificial Intelligence	2	
	ARCH6043014	Architectural Design II[1&2] *(AOL)*	4	
	ARCH6019014	Building Technology II[1] *(AOL)*	4	
	ARCH6123014	Design Thinking II[1&2] *(AOL)*	2	
	ARCH6003014	Building Physics[1] *(AOL)*	2	
	ARCH6051014	Urban Architecture[1] *(AOL)*	2	
	ARCH6096014	Architectural Research Methods[1] *(AOL)*	2	
	Foreign Language Courses		0	
3	CHAR6015014	Character Building: *Agama*	2	18
	ENPR6311001	Creativity and Innovation	2	
	ARCH6026014	Architectural Design III[1&2] *(AOL) (AIE)*	6	
	ARCH6020014	Building Technology III[1] *(AOL) (AIE)*	4	
	ARCH6124014	Design Thinking III[1] *(AOL)*	2	
	ARCH6139014	Site Planning[1&2] *(AOL)*	2	
	Foreign Language Courses		0	
4	LANG6027014	Indonesian	2	18
	ENPR6312001	Venture Creation	2	
	ARCH6045014	Architectural Design IV[1&2] *(AOL) (AIE)*	6	
	ARCH6021014	Building Technology IV[1] *(AOL) (AIE)*	4	
	ARCH6125014	Design Thinking IV[1&2] *(AOL)*	2	
	ARCH6142014	Building Information Modelling Project[1] *(AIE)*	2	
	Foreign Language Courses		0	
5	ARCH6143014	Architectural Design V[1&2] *(AOL)*	4	24
	Stream: Architectural Streaming			
	ARCH6040014	Seminar[1]	4	
	ARCH6144014	Digital Construction[1]	4	
	ARCH6076014	Project Management[1] *(AIE)*	2	

Sem	Course		SCU	Total
	ARCH6145014	Property Assessment[1]	2	
	ARCH6146014	Interior Architecture[1] *(AOL)*	4	
	Elective Course for Stream			
	ARCH6128014	Multimedia in Design Presentation[1]	4	
	ARCH6129014	Urban Housing	4	
	ARCH6147014	Behavior in Architecture	4	
	ARCH6131014	Architectural Conservation	4	
	ARCH6136014	Tropical Architecture[2]	4	
	Minor Program		20	
	Free Electives		20	
6	**Enrichment Program I**		20	20
7	**Enrichment Program II**		20	20
8	ARCH6137014	Final Project	6	6
			Total Credits 146 SCU	

1) This course is delivered in English

2) Global Learning System Course

3) If students opt for mobility by enrolling in a minor program at BINUS @Bandung, BINUS @Malang, or BINUS @Semarang, the course ARCH6143014 - Architectural Design V will be conducted online by the Home Campus

Streaming/Minor/Free Electives:

-) For 5th Semester: Students are required to choose Streaming or Minor or Free Electives. For Free Electives, students are required to choose from the list of Free Electives in 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 – Beelingua. Student 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
ENGL6253014	English for Frontrunners	0
ENGL6254014	English for Independent Users	0
ENGL6255014	English for Professionals	0
JAPN6190014	Basic Japanese Language*	0
CHIN6163014	Basic Chinese Language*	0

*) This course is optional for students

1. Students with Beelingua Placement Test score less than 60 are required to take English for Frontrunners and English for Independent Users.

2. Students with Beelingua Placement Test score between 60 and 99 are required to take English for Independent Users and English for Professionals.

3. Students with Beelingua 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 – Beelingua.

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 Study Program/Program.*

Minor Scheme

Minor Program	Semester 5
Minor @ Binus Kemanggisan	
Blockchain Technology and Business	-
Creative Digital Storytelling	V
Cross Cultural Communication	V
Digital Banking	-
Digital Ecosystem	V
English for Business Professionals	V
Event Business and Entertainment	V
Human Capital in Digital Workplace	V
Interactive & Users Experience Design	V
Robotic Process Automation	V
Sustainable Development	V
Minor @ Binus Alam Sutera	
Digital Transformation	V
Minor @ Binus Bekasi	
Culinary	V
Korean Culture and Creativity	V
Minor @ Binus Malang	
Chinese for Career Pathways	V
English for Business Professionals	V
Digital Technopreneur	V
Minor @ Binus Bandung	
DesignPreneur	V
Minor @ Binus Semarang	
Content Creation	V
Data Analytics	V
Immersive Journey to Japanese Language and Culture	V
Metaverse in Business	V
Minor @ Binus Medan	
Global Business	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: Creative Digital Storytelling

Introduction

Digital storytelling, by definition, is the process of telling a story using video, images, audio, music, geospatial applications, and any other digital media. Thus, this minor introduces the concept and skills in producing and communicating videos, images, and texts through English. It is interdisciplinary in its nature and relies heavily on critical and analytical thinking. It also aims to familiarize students with the technology/ tools needed to adapt a

literary work to another form or vice versa. It is the minor that blend perspectives of arts with humanities to facilitate new interpretation of literary works.

Career Options

Social Media Content Creator; Digital Storyteller; Brand Designer; Digital Storytelling News Editor; Social Media Specialist; Digital Associate; Video Editor; Content Creator; Content Creator; Scriptwriter; Fiction writers; Non-Fiction Writers; Copywriter; Social Media Specialist.

Course Distribution

Fundamental Courses

Course		SCU
ENGL6274024	Approaches in Multimodal Storytelling	2
DSIN6033007	Visual Storytelling	2
ENGL6275024	Storytelling for Business	2
FILM6118009	Script Development & Pitching	4
	Total SCU	10

Supporting Courses

Course		SCU
ENGL6276024	Cultures, Language, and Arts Production	4
JAPN6212025	Anime and Manga as Storytelling	2
ENGL6277024	Music as Medium for Storytelling	4
	Total SCU	10

Additional Information

None

2. Minor Program: Cross Cultural Communication

Introduction

This minor program equips students with the ability to communicate using languages and understanding cultures of foreign parties. In addition, this minor program enables students to apply intercultural awareness through both Indonesian and foreign languages and cultures.

Career Options

Language specialist, language localization specialist, translator, interpreter, mobility consultant/staff.

Course Distribution

Fundamental Courses

Course		SCU
CHIN6132026	Chinese Conversation in Daily Activities	4
COMM6502019	Communication in Diversity	2
BUSS6170025	Asian Business Ethics	4
	Total SCU	10

Supporting Courses

Course		SCU
CHIN6134026	Chinese Conversation in Business Communication	4
LAWS6198028	Artificial Intelligence in Legal Discourse	2
INTR6135029	Comparative Politics	4
	Total SCU	10

Additional Information

None

3. Minor Program: Data Analytics

Introduction

The Data Analytics minor program provides insight into acquisitions and analysis of data in organizations by using critical thinking from multiple strategic perspectives, including consumer behavior communicated in the form of visualizations/models that can support retrieval decision.

Career Options

Data Analyst, Marketing Analyst.

Course Distribution

Fundamental Courses

Course		SCU
INFS6066052	Introduction to Data Analytics	2
INFS6067052	Data Management & Descriptive Analytics	4
ISYE6371054	Statistical for Decision Making	4
	Total SCU	10

Supporting Courses

Course		SCU
COSC6183051	Application of Predictive Analytics to Business Data	4
ISYE6372054	Prescriptive Analytics and Optimization	4
BUSS627795	Digitalization of Markets and Consumption	2
	Total SCU	10

Additional Information

None

4. 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
COSC6196001	Immersive Technology	2
GAME6002001	Game Design	2
ISYS6549003	Digital Innovation	4
COMP6937001	Current Trends in Technology	2
	Total SCU	10

Supporting Courses

Course		SCU
COMM6501019	Narative Development	4
DSGN6834007	Visual Identity	4
COMP6685001	Cyber Security for Business	2
	Total SCU	10

Additional Information

None

5. Minor Program: English for Business Professionals

Introduction

This minor focuses on students who are interested in English in the business context. Students will learn about leadership and management, as well as language innovations in marketing and advertising. There will also be discussions on business communication issues.

Career Options

Manager, Business practitioner, Entrepreneur, Professional employee.

Course Distribution

Fundamental Courses

Course		SCU
ENGL6154024	English for Business Communications	4
MKTG6112024	Language Innovations in Marketing and Advertising	2
ENGL6244024	Social Media Broadcasting	4
	Total SCU	10

Supporting Courses

Course		SCU
ENGL6258024	English for Global Leadership	2
ENGL6169024	English for Professionals	2
COMM6506024	Current Issues in Business Communications	2
ENGL6245024	Business Rhetoric	4
	Total SCU	**10**

Additional Information

None

6. Minor Program: Event Business and Entertainment

Introduction

This minor program provides practical and managerial skills, as well as knowledge of business in MICE (Meeting, Incentive, Convention, Exhibition) event, sport event, and festival, enabling students to plan and conduct a successful event.

Career Options

Professional event organizer, Professional Conference Organizer, Even Coordinator, Convention Services Supervisor, Venue Supervisor, Entertainment Supervisor, Event Promotor, Events Planner, Sporting Event Organizer, Catering Coordinator.

Course Distribution

Fundamental Courses

Course		SCU
HTMN6151021	Event Marketing Management	2
HTMN6152021	Catering Management	4
TRSM6232022	MICE (Meeting, Incentive, Convention, Exhibition) Management	4
	Total SCU	**10**

Supporting Courses

Course		SCU
TRSM6233022	Event Sponsorship and Funding	2
TRSM6234022	Sport and Entertainment Event Management	4
TRSM6235022	Festival & Cultural Event	4
	Total SCU	**10**

Additional Information

None

7. 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
	Total SCU	20

Additional Information

None

8. Minor Program: Interactive & Users Experience Design

Introduction

In today's digital era, people are competing to produce the best digital products that suit the users' needs. How can we make this happen? Minor Interactive & User Experience (UX) Design is the answer. In this Minor program, students will learn about the basics of UX starting from finding, designing, and building a digital product that is in accordance with a good UX concept to ensure that the digital products produced have adopted the UX theory. In this minor program, students will study UX from 3 (three) main pillars of UX, namely Information Systems, Psychology, and Design through 6 (six) subjects that can be selected.

Career Options

UX Researcher, UX Designer, Usability Analyst, Information Architect, Interaction Designer, Visual Designer, Content Strategies

Course Distribution

Fundamental Courses

Course		SCU
ISYS6553003	User-Centered Research and Evaluation	4
PSYC6176027	Psychology and User Experience	4
DSIN6003007	Fundamental of Interface Design	2
	Total SCU	10

Supporting Courses

Course		SCU
ISYS6554003	Core Principles: Interactive Design	4
DSGN6837007	Digital Design Production	4
ISYS6556003	Information Architecture	2
	Total SCU	10

Additional Information

None

9. Minor Program: Sustainable Development

Introduction

The minor program on the topic of Sustainable Development prepares students from other disciplines for careers in engineering-related fields. Students will receive enrichment in the fields of Architecture, Industrial Engineering, Civil Engineering, Computer Engineering, and Food Technology. Students also gain knowledge of the development and application of the latest technology in the engineering field, which supports sustainable development and the industrial revolution 4.0.

Career Options

Construction Manager; Property Manager; Building Manager; Civil Engineer; Project Manager; Pre Sales and Marketing Engineer, Product Specialist, Product Development, Business Development.

Course Distribution

Fundamental Courses

Course		SCU
ISYE6154011	Sustainable Design and Manufacture	4
CPEN6217010	Digital for Sustainable Development	4
ARCH6119014	Introduction to Sustainable Development	2
	Total SCU	10

Supporting Courses

Course		SCU
ISYE6155011	Occupational, Health, Safety, and Administration in Engineering	2
DSGN6835008	Engineering Material	4
CIVL6118013	Engineering Economic	4
	Total SCU	10

Additional Information

None

10. 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
	Total SCU	10

Supporting Courses

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

Additional Information

None

11. Minor Program: Culinary

Introduction

The Culinary Minor Program provides learning that focuses on Culinary, Pastry & Bakery field. The curriculum design is more of practicums, which aim to make students have the competencies required in the fields of Food Production, Pastry & Bakery and Authentic Indonesian Cuisine.

Career Options

Entrepreneur in the field of Culinary (Resto, Café, Catering Business), Chef, Restaurant Owner/Manager.

Course Distribution

Fundamental Courses

Course		SCU
HTMN6108021	Food and Beverage Management	2
HTMN6008021	Kitchen Operation	4
HTMN6128021	Pastry and Bakery Operation	4
	Total SCU	10

SCU for HTMN6008021, HTMN6128021 are practical

Supporting Courses

Course		SCU
HTMN6155021	Indonesian Cuisine	4
HTMN6125021	Restaurant Operation	4
HTMN6154021	Culinary Tourism	2
	Total SCU	10

SCU for HTMN6155021, HTMN6125021 are practical

Additional Information

None

12. Minor Program: Korean Culture and Creativity

Introduction

This minor program provides knowledge and experience in Korean Performance and Culture. The courses will cover pop art, culture, cuisine, film, drama, music, and language. Students who have international experience, especially in Korea, will have a wide range of employment opportunities.

Career Options

Content Creator, Performer, Creative Marketer, Event Organizer, Foodpreneur, and Advertiser working in a Korean environment.

Course Distribution

Fundamental Courses

Course		SCU
HTMN6163021	Korean Cuisine and Culinary Arts	4
COMM6718019	Korean Language and Media	4
FILM6134009	Hallyu Creative Content	2
	Total SCU	10

Supporting Courses

Course		SCU
FILM6135009	K-Drama and Beyond: Analysis and Appreciation	4
COMM6719019	K-Pop Culture and Performance	4
MKTG6339005	K-Pop and K-Drama Marketing and Promotion	2
	Total SCU	**10**

Additional Information

None

13. Minor Program: Chinese for Career Pathways

Introduction

This minor program offers a variety of courses customized to industry needs for Binus non-Chinese Literature students. With this minor program, students who do not major in Mandarin can still experience the benefits of mastering basic Mandarin, which is currently required by industries such as Hospitality, Chinese Companies, Management Banking, and Communication skills.

Career Options

Business Administration, Translation and Interpretation, International Relations and Diplomacy, Tourism and Hospitality, Marketing and Communications.

Course Distribution

Fundamental Courses

Course		SCU
CHIN6196026	Mandarin for Future Career	4
CHIN6197026	Easy Way to HSK 2 Preparation	4
CHIN6198026	Exploring Modern Chinese Culture	2
	Total SCU	**10**

Supporting Courses

Course		SCU
CHIN6199026	Chinese Digital Technology	2
CHIN6200026	Traveling to China	2
CHIN6201026	Special Topics in Chinese Business	2
CHIN6202026	Global Strategic Marketing: Chinese Perspective	4
	Total SCU	**10**

Additional Information

Open a maximum of 2 classes per batch per semester, with each class accommodating up to 30 students.

14. 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
COSC6164004	Web Programming for Business	4
COSC6165004	Data Analytics for Business	4
ENPR6370002	Market Intelligence	4
COMP6687004	User Experience Design	4
	Total SCU	20

Additional Information

None

15. 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
	Total SCU	20

Additional Information

None

16. Minor Program: Robotic Process Automation

Introduction

The Robotic Process Automation minor program provides an understanding of the concept of Robotic Process Automation (RPA) in automating repetitive processes, as well as providing an understanding of how the RPA development process involving the concept of Artificial Intelligence.

Career Options

RPA Developer, RPA Architect, RPA Business Analyst, System Analyst, Corporate Information Systems Designer, Technopreneur, IS Project Manager, IT/IS Consultant.

Course Distribution

Fundamental Courses

Course		SCU
COMP6857001	Basic Programming for Automation	2
COMP6858001	RPA Concept & Design	2
ISYS6684003	RPA Developer Fundamental	4
ISYS6687003	Business Process Improvement	2
	Total SCU	10

Supporting Courses

Course		SCU
ISYS6685003	RPA Developer Advance	4
ISYS6686003	RPA Business Analytics Fundamental	4
COMP6859001	Intelligence Automation	2
	Total SCU	10

Additional Information

None

17. Minor Program: Content Creation

Introduction

You've probably heard it by now: Content is king. But why? Those days Consumers are going online, marketing has gone digital, and content creation is more important now than ever. Content creation encapsulates copywriting, design, production and other media that provide value and connect you to your target audience. Matching search intent and providing value (to the consumer and brand) is the foundation of successful content creation. Content creators produce work on a variety of platforms including social media, blogs, podcasts, video platforms, case studies, white papers, infographics and more.

Career Options

Content Creator, Influencer, Social media Specialist.

Course Distribution

Fundamental Courses

Course		SCU
FILM6105009	Filmmaking Fundamental	4
MKTG6336055	Content Marketing Analytics	4
DSIN6042053	Photography for Creators	2
	Total SCU	**10**

Supporting Courses

Course		SCU
DSIN6094053	Content Storytelling	4
DSIN6043053	Strategic Influence	2
DSIN6041053	Introduction to Visual Communication Design	4
	Total SCU	**10**

Additional Information

None

18. Minor Program: Immersive Journey to Japanese Language and Culture

Introduction

Immersive Journey to Japanese Language and Culture Minor program is focused on the basic learning of the Japanese language (equivalent to N5 or corresponding to CEFR levels A1 to A2). This includes an understanding of Japanese characters (Hiragana, Katakana, basic Kanji) and grammar. Additionally, it encompasses the comprehension of reading and listening skills in Japanese, covering vocabulary, phrases, and simple sentences. This program also includes the development of basic writing and speaking skills in Japanese.

Upon completion of this minor, students will be prepared to read Japanese written in Hiragana, Katakana, and basic Kanji, as well as understand everyday conversations in the Japanese language. Subsequently, students will be equipped to engage in basic-level Japanese speaking and writing.

The outcomes of this minor, built upon a foundation of basic Japanese language proficiency, will benefit students who plan to study abroad in Japan, travel to Japan, or pursue interests and hobbies related to Japan.

Career Options

Working in Japan, either in Indonesia or Japan, in the following fields as Consultant, Front Office, Tour Guide, Secretary, Finance, HR, Industry Creative (Content creator, dubber, cosplayer).

Course Distribution

Fundamental Courses

	Course	SCU
JAPN6221025	Essential Japanese Grammar (*Yoku Tsukaeru Bunpou*)	4
JAPN6222025	Survival Japanese in Various Situations (*Nihon E Ikou, Yasashii Kaiwa De*)	4
JAPN6223025	Ideas and Images of Japan (*Nihon Jijou*)	2
	Total SCU	**10**

Supporting Courses

	Course	SCU
JAPN6224025	Japanese Reading Comprehension (*Tanoshiku Yomou*)	4
JAPN6225025	Understanding Native Japanese Speakers (*Tanoshiku Kikou*)	2
JAPN6226025	Japanese N5 Level Certification Preparation (*Nihongo Charenji N5*)	4
	Total SCU	**10**

Additional Information

None

19. 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
	Total SCU	**10**

Supporting Courses

	Course	SCU
ISYS6778052	Data Analytics	2
DSGN6981053	Design Thinking	4
DSGN6980053	Interface Design	4
	Total SCU	**10**

Additional Information

None

20. Minor Program: Global Business

Introduction

The Global Business minor program is designed for students who aspire to integrate creativity, business acumen, and technological expertise in a global context. This program equips students with essential knowledge and skills in digital business innovation, creative industry management, and emerging technologies. Students will explore topics such as digital entrepreneurship, creative content monetization, business model innovation, and the application of advanced technologies like artificial intelligence, blockchain, and immersive media in creative industries. By combining business strategy with technological advancements, this minor prepares students to become agile professionals capable of navigating and leading in the evolving global marketplace. This program is ideal for students from various disciplines who wish to enhance their competencies in creative business and technology, fostering interdisciplinary innovation and international competitiveness.

Career Options

Digital Business Strategist, Creative Entrepreneur, Digital Marketing Specialist, UX/UI Designer, Tech-Driven Product Manager, Creative Industry Manager, E-commerce & Content Monetization Expert, Brand & Digital Experience Manager, Creative Technologist.

Course Distribution

Fundamental Courses

Course		SCU
DSIN6142066	Global Interactive Design	4
BUSS6275061	E-Commerce and Digital Entrepreneurship	4
COSC6159060	Emerging Technologies in Global Business	4
ISYS6997064	Data Analytics For Global Business	4
TRDE6001065	Global Regulatory Environment	4
	Total SCU	**10**

Additional Information

Open a maximum of 2 classes per batch per semester, with each class accommodating up to 30 students.

Appendix: Free Electives (5th Semester)

No	Course Owner Department	Course Code	Course Name	SCU	Semester
1	Tourism	TRSM6142022	Event Management	4	5
2	Tourism	TRSM6196022	Tourism Community Empowerment	2	5
3	Tourism	TRSM6218022	Adventure Tourism Management	4	5
4	Tourism	TRSM6219022	Wildlife and Marine Tourism	2	5
5	Tourism	TRSM6220022	Rural Tourism Entrepreneurship	4	5
6	Tourism	TRSM6222022	Climate Change & Tourism	2	5
7	Tourism	BUSS6137022	Tourism E-Business	4	5
8	Tourism	TRSM6212022	Indonesian Culture	4	5
9	Tourism	MGMT6408022	Strategic Management for Tourism	2	5
10	Tourism	TRSM6225022	Protected Area Planning & Management	4	5
11	Tourism	TRSM6224022	Environmental Health and Safety in Tourism	2	5
12	Statistics	STAT6157049	Data Mining and Visualization	2	5
13	Psychology	PSYC6124027	Psychology of Early Childhood Education	4	5
14	Psychology	PSYC6125027	Psychology of Special Needs Education	4	5
15	Psychology	PSYC6145027	Urban Psychology	4	5
16	Primary Teacher Education	EDUC6107030	Out of School Science Learning	2	5
17	Primary Teacher Education	EDUC6110030	Integrated Social Studies, Ethno Art and Craft	2/2	5
18	New Media	DSGN6743007	Digital Graphic Reproduction	4	5
19	Marketing Communication	COMM6624019	Digital Creative Content	2/2	5
20	Marketing Communication	COMM6620019	Online Publishing	2/2	5
21	Marketing Communication	COMM6533019	Creative Program Design	2/2	5
22	Marketing Communication	COMM6510019	Reportage & Interview Technique	2/2	5
23	Marketing Communication	COMM6410019	Digital Broadcasting Production	2/2	5
24	Marketing Communication	COMM6632019	Writing for Corporate Communication	2/2	5
25	Marketing Communication	COMM6541019	Digital Corporate Communication	2/2	5
26	Marketing Communication	COMM6634019	Environmental Issues and Brand Activism	4	5
27	Marketing Communication	COMM6635019	Integrated Marketing Communication	2	5
28	Marketing Communication	COMM6637019	Brand Activation	2/2	5
29	Marketing Communication	COMM6638019	Social Media Planning & Engagement	2/2	5
30	International Relations	INTR6151 029	Regional Integration in Europe	2	5
31	International Relations	INTR6152029	Regional Integration in America	2	5
32	International Relations	INTR6153029	Regional Integration in East Asia	2	5
33	International Relations	INTR6137029	Indonesia in Perspectives	2	5
34	International Relations	INTR6180029	Introduction to International Media	2	5
35	International Business Management	MGMT6357005	Multinational Corporation Management	4	5

No	Course Owner Department	Course Code	Course Name	SCU	Semester
36	International Business Management	BUSS6223005	Trade in Asia	2	5
37	Interior Design	DSGN6614008	Signage and Way Finding Design for Interior	2	5
38	Information Systems	ISYS6596003	User Experience Research and Design	4/2	5
39	Industrial Engineering	ISYE6067011	Global Supply Chain	2	5
40	Industrial Engineering	ISYE6165011	Supply Chain Risk & Negotiation	2	5
41	Industrial Engineering	ISYE6115011	Transportation Modeling	2	5
42	Industrial Engineering	ISYE6167011	Decision Support System	2	5
43	Industrial Engineering	ISYE6168011	Financial Engineering	2	5
44	Industrial Engineering	ISYE6130011	Project Management	2	5
45	Industrial Engineering	ISYE6169011	Maintenance Management Systems	2	5
46	Industrial Engineering	ISYE6170011	Sustainable Engineering Systems	2	5
47	Hotel Management	MGMT6304021	Organization Behavior in Hospitality	2	5
48	Hotel Management	HTMN6145021	Revenue Management in Hospitality	2	5
49	Hotel Management	HTMN6027021	Service Management	4	5
50	Hotel Management	HTMN6018021	Consumer Behavior in Hospitality	2	5
51	Hotel Management	HTMN6147021	Hospitality Management	4	5
52	Global Business Marketing	MKTG6321005	Marketing Data Analytics	4	5
53	Global Business Marketing	MKTG6237005	Global Strategic Marketing: Asia Pacific Perspective	4	5
54	Global Business Marketing	MKTG6631005	Marketing Research	3/1	5
55	Global Business Marketing	MGMT6358005	Managing Business Information	2/2	5
56	Game Application and Technology	GAME6085001	Object Oriented Game Programming	2	5
57	English Literature	SOCS6021024	Social and Digital Media Writing	2	5
58	English Literature	ENGL6244024	Social Media Broadcasting	4	5
59	Data Science	DTSC6014001	Machine Learning	2	5
60	Cyber Security	COMP6542001	Computer Security Fundamental	2	5
61	Creative Advertising	DSGN6661007	Photography	4	5
62	Computer Science	COMP6800001	Human and Computer Interaction	2/1	5
63	Computer Science	COMP6586001	Embedded Systems	2	5
64	Computer Science	COMP6590001	Geographical Information System	2/2	5
65	Computer Engineering	CPEN6126010	Cross Platform Application Development	4	5
66	Computer Engineering	CPEN6232010	Cloud Technology Practice	2	5
67	Computer Engineering	CPEN6236010	PLC Programming for Industrial Automation	2	5
68	Civil Engineering	CIVL6080013	Construction Methods & Heavy Equipment	2	5
69	Civil Engineering	COMP6046013	Computer Applications in Construction Management	2	5
70	Civil Engineering	CIVL6030013	Environmental Engineering	2	5
71	Civil Engineering	CIVL6002013	Case Study in Civil Engineering	2	5
72	Business Management	MGMT6400005	Supply Chain Strategy	2	5
73	Business Management	MGMT6459005	Retail Management	4	5

No	Course Owner Department	Course Code	Course Name	SCU	Semester
74	Business Management	MKTG6324005	Retail Marketing Management	2	5
75	Business Law	LAWS6017028	Intellectual Property Rights	4	5
76	Business Law	LAWS6170028	Investment Law	2	5
77	Business Law	LAWS6171028	Business Competition & Consumer Protection Law	2	5
78	Business Law	LAWS6172028	Environmental and Natural Resources Law	2	5
79	Japanese Literature	JAPN6150025	Ideas and Images of Japanese Culture (Nihon Bunka Aidea to Imeeji)	2	5
80	Business Information Technology	ISYS6579003	Knowledge-Based AI: Cognitive Systems	4	5
81	Business Creation	ENPR6142005	Digital Business Transformation	4	5
82	Business Creation	ENPR6106005	Product Design & Branding	2	5
83	Business Creation	ENPR6107005	Business Communication & Strategy	4	5
84	Architecture	ARCH6144014	Digital Construction	4	5
85	Architecture	ARCH6076014	Project Management	2	5
86	Architecture	ARCH6145014	Property Assessment	2	5
87	Architecture	ARCH6146014	Interior Architecture	4	5
88	Architecture	ARCH6128014	Multimedia in Design Presentation	4	5
89	Architecture	ARCH6129014	Urban Housing	4	5
90	Architecture	ARCH6147014	Behavior in Architecture	4	5
91	Architecture	ARCH6131014	Architectural Conservation	4	5
92	Architecture	ARCH6136014	Tropical Architecture	4	5
93	Animation	DSGN6689007	Concept Art & Production Design	2	5
94	Animation	DSGN6690007	Animation Storytelling	2	5
95	Accounting	ACCT6116020	Social and Environmental Accounting	2	5
96	Biotechnology	BTEC6038056	Bio-design Process	2	5
97	Fashion	FASH6186040	Contemporary Fashion	2	5
98	Fashion	FASH6180040	Fashion Trend Forecasting	2	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	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						

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

Company Internship Track

Code	Course Name	SCU	Total
Enrichment Program I			
ARCH6091014	Industry Experience	8	20
ARCH6140014	Integrated Architectural Design	8	
ARCH6138014	Project Programme	4	
Enrichment Program II			
ARCH6104014	Internship	8	20
ARCH6141014	Advanced Integrated Architectural Design	8	
ARCH6093014	Advanced Project Programme	4	

Entrepreneurship Track

Code	Course Name	SCU	Total
Enrichment Program I			
ENTR6935014	New Venture Architectural Initiation	8	20
ENTR6937014	Architectural Product Development Process	8	
ENTR6571014	EES in New Architectural Business I	4	
Enrichment Program II			
ENTR6936014	Architectural Product Launching	8	20
ENTR6938014	Architectural Business Development	8	
ENTR6572014	EES in New Architectural Business II	4	

Research Fellowship Track

Code	Course Name	SCU	Total
Enrichment Program I			
RSCH6484014	Research Experience I	8	20
RSCH6571014	Architectural Scientific Writing I	8	
RSCH6488014	Global EES in Architecture I	4	
Enrichment Program II			
RSCH6485014	Research Experience II	8	20
RSCH6572014	Architectural Scientific Writing II	8	
RSCH6489014	Global EES in Architecture II	4	

Community Impact Internship Track

Code	Course Name	SCU	Total
Enrichment Program I			
CMDV6276014	Community Outreach Project Implementation I	8	20
CMDV6345014	Community-Based Architecture I	8	
CMDV6280014	Employability and Entrepreneurial Skills in Architecture Community I	4	
Enrichment Program II			
CMDV6277014	Community Outreach Project Implementation II	8	20
CMDV6346014	Community-Based Architecture II	8	
CMDV6281014	Employability and Entrepreneurial Skills in Architecture Community II	4	

Study Abroad Track

Code	Course Name	SCU	Total
Enrichment Program I			
GLOB6005014	Elective Course for Study Abroad 1		20
GLOB6006014	Elective Course for Study Abroad 2	4	
GLOB6007014	Elective Course for Study Abroad 3	4	
GLOB6008014	Elective Course for Study Abroad 4	4	
GLOB6009014	Elective Course for Study Abroad 5	4	
GLOB6010014	Elective Course for Study Abroad 6	2	
GLOB6011014	Elective Course for Study Abroad 7	2	
GLOB6012014	Elective Course for Study Abroad 8	2	
GLOB6013014	Elective Course for Study Abroad 9	2	

Code	Course Name	SCU	Total
GLOB6014014	Elective Course for Study Abroad 10	2	
GLOB6015014	Elective Course for Study Abroad 11	2	
GLOB6016014	Elective Course for Study Abroad 12	2	
GLOB6249014	Elective Course for Study Abroad 27	2	
GLOB6250014	Elective Course for Study Abroad 28	3	
GLOB6251014	Elective Course for Study Abroad 29	3	
Enrichment Program II			
GLOB6017014	Elective Course for Study Abroad 13	4	
GLOB6018014	Elective Course for Study Abroad 14	4	
GLOB6019014	Elective Course for Study Abroad 15	4	
GLOB6020014	Elective Course for Study Abroad 16	4	
GLOB6021014	Elective Course for Study Abroad 17	2	
GLOB6022014	Elective Course for Study Abroad 18	2	
GLOB6023014	Elective Course for Study Abroad 19	2	
GLOB6024014	Elective Course for Study Abroad 20	2	20
GLOB6025014	Elective Course for Study Abroad 21	2	
GLOB6026014	Elective Course for Study Abroad 22	2	
GLOB6027014	Elective Course for Study Abroad 23	2	
GLOB6028014	Elective Course for Study Abroad 24	2	
GLOB6041014	Elective Course for Study Abroad 25	3	
GLOB6252014	Elective Course for Study Abroad 30	3	
GLOB6253014	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
Elective courses list for certified specific independent study*			
Enrichment Program I/II			
CSIS6001014	Course Certification	3	
CSIS6002014	Technical Skill Enrichment	4	
CSIS6003014	Industrial Project	9	
CSIS6004014	Soft Skill Enrichment	4	
CSIS6005014	Elective Course for Specific Independent Study 1	8	
CSIS6006014	Elective Course for Specific Independent Study 2	8	20
CSIS6007014	Elective Course for Specific Independent Study 3	6	
CSIS6008014	Elective Course for Specific Independent Study 4	6	
CSIS6009014	Elective Course for Specific Independent Study 5	6	
CSIS6010014	Elective Course for Specific Independent Study 6	5	
CSIS6011014	Elective Course for Specific Independent Study 7	5	
CSIS6012014	Elective Course for Specific Independent Study 8	5	

Code	Course Name	SCU	Total
CSIS6013014	Elective Course for Specific Independent Study 9	5	
CSIS6014014	Elective Course for Specific Independent Study 10	4	
CSIS6015014	Elective Course for Specific Independent Study 11	4	
CSIS6016014	Elective Course for Specific Independent Study 12	4	
CSIS6017014	Elective Course for Specific Independent Study 13	4	
CSIS6018014	Elective Course for Specific Independent Study 14	4	
CSIS6019014	Elective Course for Specific Independent Study 15	3	
CSIS6020014	Elective Course for Specific Independent Study 16	3	
CSIS6021014	Elective Course for Specific Independent Study 17	3	
CSIS6022014	Elective Course for Specific Independent Study 18	3	
CSIS6023014	Elective Course for Specific Independent Study 19	3	
CSIS6024014	Elective Course for Specific Independent Study 20	3	
CSIS6025014	Elective Course for Specific Independent Study 21	2	
CSIS6026014	Elective Course for Specific Independent Study 22	2	
CSIS6027014	Elective Course for Specific Independent Study 23	2	
CSIS6028014	Elective Course for Specific Independent Study 24	2	
CSIS6029014	Elective Course for Specific Independent Study 25	2	
CSIS6030014	Elective Course for Specific Independent Study 26	2	
CSIS6031014	Elective Course for Specific Independent Study 27	2	
CSIS6032014	Elective Course for Specific Independent Study 28	2	
CSIS6033014	Elective Course for Specific Independent Study 29	1	
CSIS6034014	Elective Course for Specific Independent Study 30	1	
CSIS6035014	Elective Course for Specific Independent Study 31	1	
CSIS6036014	Elective Course for Specific Independent Study 32	1	

*) For students who take BINUS 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 specific independent study outside BINUS University. Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.

The Table of Prerequisite for Architecture Study Program

Course		SCU	Sem.	Course Prerequisite		SCU	Sem.
ARCH6137014	Final Project	6	8	ARCH6042014	Architectural Design I	4	1
				ARCH6018014	Building Technology I	4	1
				ARCH6043014	Architectural Design II	4	2
				ARCH6019014	Building Technology II	4	2
				ARCH6026014	Architectural Design III	6	3
				ARCH6020014	Building Technology III	4	3
				ARCH6045014	Architectural Design IV	6	4
				ARCH6143014	Architectural Design V	4	5

Note:
Students should pass Building Technology (I, II, III) and Architectural Design (I, II, III, IV, V) with minimum grade C.

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

No	Code	Course Name	Minimum Passing Grade
1	CHAR6013014	Character Building: Pancasila	B
2	ARCH6001014	Introduction to Architecture	C
3	ARCH6042014	Architectural Design I*	C
4	ARCH6018014	Building Technology I	C
5	ARCH6043014	Architectural Design II*	C
6	ARCH6026014	Architectural Design III	C
7	ARCH6139014	Site Planning*	C
8	ENPR6312001	Venture Creation	C

*) Tutorial