Program Merdeka Belajar NUNI
Daftar Mata Kuliah yang Ditawarkan - Semester Genap 2020/2021
Universitas Bina Nusantara

No	Fakultas	Program Studi	Lokasi/ Kampus	Kode Mata Kuliah	Nama Mata Kuliah	SKS	Deskripsi Mata Kuliah	Lerning Outcome	Kuota
1	BINUS Business School	Manajemen	BINUS @Greater Jakarta	BUSS6051	Design Thinking in Business	4/0	This course introduces the concepts of Design Thinking, which is applicable for any area of business and society, not only for those who worked in design field, but also for professionals or managers aiming to seek the best innovative solutions. The application of the Design Thinking approach in problem-solving can help people and organizations to produce creative solutions in response to innovation. It starts from a process of exploration and examination of ideas to the development of prototype of the design solution. Students will work in a team to solve a given problem and produce innovative solution.Topics will be covered in this course including why is process awareness key?, how to get a good problem statement, How to discover user needs, how to build empathy with the user and find the right focus, how to generate ideas, how to structure and select ideas, how to create a good prototype and test efficiently, how to design a creative space and environment, what are the benefits of interdisciplinary teams?, how to visualize ideas and design a good story, how to trigger change as a facilitator, how to prepare the organization for a new mindset, why strategic foresight becomes a key capability, why systems thinking helps to understand complexity, how to apply lean business model thinking, why business ecosystem design becomes the ultimate lever, how to bring it home, why some design criteria will change in the digital paradigm, how to kick-start digital transformation, how artificial intelligence created a personalized customer experience, how to combine design thinking and data analytics to spur agility.	LO1 - the design thinking principles, LO2 - the importance of design thinking in business, LO3 - design thinking in a new business concept, product concept and the business model	10
2	BINUS Business School	Manajemen	BINUS @Greater Jakarta	BUSS6068	Managing Innovation and Knowledge	2/0	This course provides a comprehensive and integrated discourse on the various facets, emerging issues and perspectives on managing innovation and knowledge. This course introduce students the content and skills necessary to strategically manage individual, group and organizational knowledge assets, also manage innovation within firms. This course is closely related subjects of human resources management, organizational behavior, management & organization, knowledge management, and strategic management	LO1 - basic concept of innovation and knowledge management, capture and codification, LO2 - principles of innovation and knowledge sharing, application, management tools, strategy and the value of innovation and knowledge management, LO3 - the strategy and implementation of innovation and knowledge management	10
3	BINUS Business School	Manajemen	BINUS @Greater Jakarta	BUSS6190	International Business	2/0	NULL	NULL	10
4	BINUS Business School	Manajemen	BINUS @Greater Jakarta	BUSS7005	International Trade	4/0	This course is our attempt to provide an up-to-date and understandable analytical framework for illuminating current events and bringing the excitement of international economics into the classroom.In analyzing both the real and monetary sides of the subject, our approach has been to build up, step by step, a simple, unified framework for communicating the grand traditional insight as well as the newest findings and approach.	LO1 - the principal and supporting theories in international trade, LO2 - theoretical models of international trade in analysing real-world trade problems through qualitative and quantitative analysis, LO3 - theoretical models of international trade in implementing trade policies through qualitative and quantitative analysis	10

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5	BINUS Business School	Manajemen	BINUS @Greater Jakarta	ENTR6020	New Venture Creation	4/0	New Venture Creation is a course that will help students to understand the process of creating a startup, from the recognition of an opportunity to the launch of the business. This course designed to help students to organize and plan for venture creation by mentally engaging in the various activities that entrepreneurs typically undertake. Topics will be covered in this course including understanding entrepreneurship, preparing for the entrepreneurial journey, creating opportunity, analyzing the industry and market, developing and testing a business model, prototyping and validating a solution, protecting startup assets, building the founding team, calculating startup capital requirements, preparing a business plan, designing an entrepreneurial company, planning startup operations, developing a startup marketing plan, incorporating ethics and social responsibility into the business, funding startup and growth, and planning for growth and change.	LO1 - Entrepreneurship and Opportunity in Business, LO2 - Feasibility Analysis of a Business, LO3 - Business Design to Create an Entrepreneurial Company, LO4 - Planning for Growth and Change	10
6	BINUS Business School	Manajemen	BINUS @Greater Jakarta	ISYS6085	Advanced Topics in E-Business	2/0	This course comprises current issues in e-business related with public and private sector in a new information economics. The course will highlight information system or business in a new digital era from management, economics and marketing perspective.	LO1 - e-business and other related terms, LO2 - current issues and trends in e-business, LO3 - e-business strategies	10
7	BINUS Business School	Manajemen	BINUS @Greater Jakarta	MGMT6033	Advanced Topics in Business and Organization	2/0	The course comprises theories about the advanced topics in business and organization. After studying this course, the students are expected to have a deep understanding of advanced concepts in business and organizational knowledge. The course is closely related to the basic subjects that must be understood (prerequisite) as General Management, Introduction to Business, and Introduction to Management and Business.	LO1 - the major issues and concepts in current business includes business intelligence and analytics, LO2 - the concept of business process in today's organizations, LO3 - the importance of virtual enterprises as organizational form in the modern economy	10
8	BINUS Business School	Manajemen	BINUS @Greater Jakarta	MGMT6239	Service Operation Management	2/0	This course provides a comprehensive and balanced introduction to service operations management. Building on the basic principles of operations management, this course will be examine the operations decisions that managers face in controlling their resources and delivering services to their customers.	LO1 - the basic knowledge of service operations management,LO2 - the need of organization for service operations management,LO3 - service operations management in any kind of organization	5
9	BINUS Business School	Manajemen	BINUS @Greater Jakarta	MKTG6274	Service Marketing Management	4/0	NULL	NULL	5
10	BINUS Business School	Kewirausahaan (Bandung)	BINUS @Bandung	LAWS6155	Business Law and Ethics	2/0	NULL	NULL	2
11	BINUS Business School	Kewirausahaan (Malang)	BINUS @Malang	ENTR6107	Topics in Creative Business	2/0	Topics in Creative Business is a course that will help all the students to understand and learn creative business. This subject will contain both theory and practices with sharing experiences from expertise. Topics in Creative Business is knowledge that expand after student was studied fundamental all the things about entrepreneurship. From expertise, students will learn some topics in real business case and how to solve that. It includes ideations, entrepreneur soft skill, selling, basic communication skill, business networking, culture and business, global market, handling complaint, leadership in entrepreneurship, negotiation, start up cash flow, human resource management for SME, and digital marketing.	LO1 - Explain problem an entrepreneurial venture; the impact of globalization LO2 - Apply the concept of creative business to develop new creative business LO3 - Analyze problems in real business and know how to solving problem like success creative entrepreneur	5
12	BINUS Business School	Kewirausahaan (Malang)	BINUS @Malang	ENTR6513	Disruptive Strategy & Innovati	4/0	NULL	NULL	5

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13	BINUS Business School	Kewirausahaan (Malang)	BINUS @Malang	ENTR6514	Innovative Product Design and	2/0	NULL	NULL	5
14	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6106	Code Reengineering	4/0	This course introduces the concepts and practice related to code reengineering with smell code detection and refactoring. This topics include Introduction to Refactoring, Bad Code Smell: The Bloater, Bad Code Smell: The Object Orientation Abuser, The Change Preventer, The Dispensable, The Couplers, Object Oriented Design Smell, Abstraction Smell, Encapsulation Smell, Modularization Smell, Hierarchy Smell, The Smell Ecosystem, Repaying Technical Debt in practice	LO1 - Basic refactoring and its application, LO2 - Advanced refactoring and its application, LO3 - suitable refactoring for code environment	10
15	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6107	Agile Software Development	2/0	This course introduces the concept and practice in Agile Software Development Methodology, especially in Scrum Methodology Field. This topics include introduction to agile approach, agile principles, Sprint, Product Backlog, Estimation and Velocity, Technical Debt, Scrum Roles, Planning, Sprint Execution, Sprint Review, Sprint Retrospective, Scrum Path Forward	LO1 - - The students able to describe the Agile principles in general, especially the using of Scrum Methodologies to develop the software systems for business applications, LO2 - - The students able to create an holistic activities planning in accordance to the software development based on the using Scrum methodologies, LO3 - - The students able to use the development tools in modeling through implementation phases within the software development processes using Scrum	10
16	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6114	Pattern Software Design	2/2	This course provides a thorough understanding of how we can apply the patterns and practices of DDD on our own projects, but before delving into the details, it's good to take a bird's-eye view of the philosophy so you can get a sense of what DDD is really all about.	LO1 - the problem to be solved., LO2 - the business problem domain., LO3 - solution for business problem domain., LO4 - knowledge solution according to the business problem domain., LO5 - large domains into smaller subdomains	10
17	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6176	Human and Computer Interaction	2/2	This course comprises the human factors in interactive software, theories, principles and guidance in interface development, interface components, interface styles, disciplines associated with design and evaluation of user interface in order to support the usability. This course gives students the ability to design and evaluate the user interface.	LO1 - the concept of interaction design, LO2 - guidelines, principles, models, and framework related with interaction design, LO3 - the data gathering technique from user to develop successful interaction design, LO4 - the user requirements with interaction styles, LO5 - the user interfaces of interactive software	10
18	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6576	Natural Language Processing	2/0	Natural Language Processing is one specific field in Artificial Intelligence to perform tasks involving human language, human-machine communication, improving human-human communication, or simply doing useful processing of text or speech. This course provides students with the fundamental techniques of Natural Language Processing such as understanding words and their properties, modeling natural language, doing parsing and getting overview of Natural Language Processing applications. By completing this course, students can explain what Natural Language Processing is and describe how to implement the techniques to build an application. To understand this course appropriately, students need to pass and understand Artificial Intelligence course.	LO1 - what is Natural Language Processing and its components, LO2 - fundamental concepts of how to work with Natural Language Processing, LO3 - Natural Language Processing concepts in certain real-world applications, LO4 - Natural Language Processing applications	10
19	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6577	Machine Learning	4/0	This course introduces the machine learning concept, how the machine learning works, and challenges in machine learning. The student is taught to analyze the variables and the distribution in a dataset. Moreover, some techniques to tune the parameter and some learning algorithms are presented in the lecture. By completing this course, student will have knowledge to demonstrate classification and clustering for a given dataset.	LO1 - the fundamental of machine learning concept, LO2 - the distribution of dataset using regression method, LO3 - classification and clustering algorithm from given dataset	10

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20	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6578	Information Visualization	2/0	This course consists of concepts, principles, and guidelines for analyzing data, performing data transformations and choosing the appropriate chart type in data visualization. This course provides the ability for students to understand concepts, prepare data, perform data transformation, select chart types that are appropriate to the type of information you want to display, apply basic technique and practice implemention of interactions, annotations, colors, composition in data visualization	LO1 - the concept of Information Visualization and its elements., LO2 - the factors that influence decision making in process to make Data Visualization , LO3 - your work in order to accomplish your goal in data visualizations, LO4 - interaction concepts, annotations, colors and composition in data visualization	10
21	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6579	Big Data Processing	2/2	This course consists of big data processing skills in particularly using Hadoop, Spark, and other big data softwares. Its gives student knowledge and skill in covering big data introduction, big data architectures, all big data layers, big data analytics, big data visualization, and its current trends.	LO1 - big data processing concepts, LO2 - big data architecture layers, LO3 - big data analytics and visualizations, LO4 - big data case studies	10
22	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP6580	Database Administration	2/1	NULL	LO1 - the strategy to manage and monitor the database server, LO2 - SQL Server features, LO3 - strategies for performance tuning, LO4 - a plan for backup and recovery	10
23	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP7094	Multimedia Programming Foundation	2/2	Multimedia Programming Foundation is a course that contains the basic principles of multimedia elements, the description of variety multimedia file formats, basic attributes of multimedia files, the format of multimedia elements, and also the latest development in the field of multimedia. Moreover, this course also gives a basic explanation of the Java programming language for designing applications that manipulates different kind of multimedia elements.	LO1 - formats in multimedia elements, LO2 - multimedia elements builder, LO3 - formats in multimedia elements, LO4 - Application with manipulate multimedia elements	10
24	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP7117	Artificial Neural Network	2/2	This course discusses artificial neural network system and gives students the basic knowledge related with the topic. It enables the students to demonstrate the use of neural network applications in accordance with the models of neural network. This course has a strong relation with artificial intelligence system	LO1 - the concept of neural network, LO2 - several cases using the concept of neural network, LO3 - problems using neural network models, LO4 - applications using the concept of neural network	10
25	Computer Science	Teknik Informatika	BINUS @Greater Jakarta	COMP8129	User Experience	2/2	This course introduces the methodology of enhancing user satisfaction and loyalty by improving the usability, ease of use, and pleasure provided in the interaction between the user and the IT system, including the interface, graphics, industrial design, physical interaction, and the manual. It enables student to learn how to design, use basic tools and help student use UX tools techniques by using structure system methodology for working teams. This course also provide students with examples that help identifying ways to jumpstart and create something newer, better, or even more suited to design UX.	LO1 - the concept of UX and its elements., LO2 - design principles to prototyping and design UX, LO3 - the good UX and methods to plan, analysis, design and build UX, LO4 - the design UX, based on requirement , LO5 - the quality of the UX , and integrate it to whole system	5
26	Computer Science	Teknik Informatika (Bandung)	BINUS @Bandung	COMP6667	Interaction Design	2/2	NULL	NULL	2
27	Computer Science	Teknik Informatika (Bandung)	BINUS @Bandung	COMP6653	Embedded System	4/2	NULL	NULL	2
28	Computer Science	Teknik Informatika (Bandung)	BINUS @Bandung	COMP6654	Research Topic in Internet of Things	2/0	NULL	NULL	5

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29	Computer Science	Teknik Informatika (Bandung)	BINUS @Bandung	COMP6462	Human and Computer Interaction	2/2	This course provides the human factor in interaction design, web design, software engineering, information system, and so on. This course also provides topics, methods, practice, guidance, and framework about how to design an interactive user interface and analyize its usability to communicate and interact with the users.	LO1 - Describe the concept of interaction design LO2 - Use principles, guidelines, models related with interaction design LO3 - Choose the data gathering techniques from user to develop successful interaction design LO4 - Design the user requirements with interaction styles LO5 - Evaluate the user interfaces of interactive software	5
30	Computer Science	Teknik Informatika (Malang)	BINUS @Malang	COMP6369	Human and Computer Interaction	2/2	This course comprises the human factors in interactive software, theories, principles and guidance in interface development, interface components, interface styles, disciplines associated with design and evaluation of user interface in order to support the usability. This course gives students the ability to design and evaluate the user interface	LO1 - Describe the concept of interaction design LO2 - Use guidelines, principles, models, and framework related with interaction design LO3 - Choose the data gathering technique from user to develop successful interaction design LO4 - Design the user requirements with interaction styles LO5 - Evaluate the user interfaces of interactive software	5
31	Computer Science	Teknik Informatika (Malang)	BINUS @Malang	COMP6677	Multimedia Systems	2/2	NULL	NULL	5
32	Design	Desain Interior	BINUS @Greater Jakarta	ARTS6005	History of Eastern Art	2/0	This course comprises of the history and development of eastern art, based on its main religions; Buddhist and Hindu as well as Islam in parts of Asia, such India, China, Japan and the Middle East associated with the influences, cultural context and characteristics of each area. It gives students broader understanding and wider art and cultural references to be applied in other interior design courses	LO1 - the development of Buddhist, Hindu and Islamic art from each part of Asia, as well as Middle East, LO2 - the characteristics and cultural concepts of Buddhist, Hindu and Islamic art from each part of Asia, as well as Middle East, LO3 - the characteristics and cultural concepts of Buddhist, Hindu and Islamic art in each area, LO4 - the art development, characteristics and style of each	10
33	Design	Desain Interior (Bandung)	BINUS @Bandung	ARTS6029	History of Eastern Art	2/0	This course comprises of the history and development of eastern art, based on its main religions; Buddhist and Hindu as well as Islam in parts of Asia, such India, China, Japan and the Middle East associated with the influences, cultural context and characteristics of each area. It gives students broader understanding and wider art and cultural references to be applied in other interior design courses	LO1 - Identify the development of Buddhist, Hindu and Islamic art from each part of Asia, as well as Middle East LO2 - Describe the characteristics and cultural concepts of Buddhist, Hindu and Islamic art from each part of Asia, as well as Middle East LO3 - Differentiate the characteristics and cultural concepts of Buddhist, Hindu and Islamic art in each area LO4 - Evaluate the art development, characteristics and style of each area	5
34	Design	Desain Interior (Bandung)	BINUS @Bandung	CIVL6128	Material Knowledge in Interior Design	2/0	NULL	NULL	2
35	Design	Desain Komunikasi Visual	BINUS @Greater Jakarta	DSGN6287	Visual Communication Design Reviews	2/0	This course probes into the world of visual communication design from its most recent development back to its beginning in the Premodern era. Through lectures, discussions, literary and visual surveys of design's pivotal events, movements, ideas, technologies and styles, students are made acquainted with extensive historical legacies of their own discipline as invaluable sources for future creative possiblities.	LO1 - key figures and works of visual communication design throughout its developmental history, LO2 - principal ideas and spirit of times behind any given historical design works and figures, LO3 - key figures and works of design in terms of their respective ideas or spirit of times, LO4 - the significance of historical design ideas and attitudes for current context	10
36	Design	Desain Komunikasi Visual (Bandung)	BINUS @Bandung	DSGN6785	Fundamental Drawing for Animation	4/0	NULL	NULL	5

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37	Design	Film	BINUS @Greater Jakarta	FILM6021	World Film History	4/0	The course introduces students to the world film history in chronological order based on periodisation by Kristin Thompson & David Bordwell in Film History: An Introduction. This course allows students to learn about the development of technologies that is cinema and its aesthetics, social, political, and cultural impacts. The students will learn about the ontology of film industry in Hollywood and other means of film production systems in Europe. The course will expose students to discourses about film as technical, artistic, and cultural invention	LO1 - Discuss the early cinema period and its influence in world film history., LO2 - Explain the way in which film industries shape world film history., LO3 - Outline the characteristics of Hollywood Studio System, LO4 - Classify major post-World War I and -World War II European film movements and Contemporary film movements.	2
38	Economics & Communication	Akuntansi	BINUS @Greater Jakarta	ACCT6314	Forensic Accounting and Fraud Examination	4/0	Forensic Accounting and Fraud Examination is concerned with the detection, prevention, and correction of financial fraud, employee and management crime activities. This course identifies areas of financial risk, develops internal control policies and procedures, as well as defines the role of the forensic accountant in the courtroom. Students will examine forensic accounting case studies, determine damage and valuation calculations, also effects of cybercrime on an organization. Students will understand why people commits fraud, and will learn techniques to reveal fraud schemes, collecting evidence, and investigating fraud scheme.	LO1 - forensic accounting and fraud examination methodology, LO2 - problem regarding fraudulent scheme, LO3 - procedures to prevent and detect fraud including the use of IT, LO4 - symptoms and fraud investigation method, LO5 - techniques to reveal financial statement fraud, LO6 - resolution and legal follow up of fraud	10
39	Economics & Communication	Akuntansi	BINUS @Greater Jakarta	FINC6006	Financial Modeling Laboratory	2/0	This course is expected to provide insight to students about how to use of MS-Excel 2013 as a tool for doing financial analysis, making worksheets, and making the best decisions. This course also comprises of basic financial knowledge to undertake finance and investment decision. At the end of this course, the student will be able to demonstrate spreadsheet techniques and tools in financial context.	LO1 - Spread Sheet Basic for Excel 2013 and Financial Statement, LO2 - Cash Budget, Financial Statement, Financial Forecasting, Break Even Point and Leverage, LO3 - Time Value of Money, Common Stock Valuation, Bond Valuation, The Cost of Capital, Capital Budgeting, Risk and Capital Budgeting, LO4 - Portfolio Statistics and Diversification	10
40	Economics & Communication	Akuntansi	BINUS @Greater Jakarta	TAXN6037	Taxation Management and Strategy	2/0	Tax Management and strategy is continuation of Advanced Taxation. Topics will be discussed in this course which including Overviews of Taxation Management; Taxation on certain industries, there are : Built Operate and Transfer - BOT , Non Profit entities and foundation, Banking industry and insurance industry. This course also deepens on the understanding of taxation on merger, acquisition, consolidation, expansion and liquidation of business, currency transactions, SWAP, Forward Sales, Cross Currency Interest Rate Swap, Deferred Tax Asset, Deferred Tax Liability and Transfer Pricing. This course will analyzes implementation of tax management on corporate income tax, Tax article 21, 22 and 23, Final tax article 4(2) and 15, Taxation management on Value Added Tax (VAT) until the implementation of international tax planning. Upon completion of this course, it is expected that student understand Taxation in certain industries and some implementaion of tax management and strategy in Indonesia.	LO1 - the overviews of taxation management in Indonesia, LO2 - the taxation on certain industries in Indonesia , LO3 - the implementation of taxation management on corporate income tax, Tax article 21, 22 and 23, Final tax article 4(2) and 15, Taxation management on Value Added Tax (VAT) based on Indonesia tax regulat, LO4 - strategies could be used both in domestic and international tax planning	10
41	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6003	Building Physics	2/0	This course comprises lighting, ventilation, sound and noise, solar radiation and heat transfer, and their application in the tropic and gives the student an in depth knowledge about design with climate and design a low energy building. Having a closed relation with tropical architecture course, the course is prerequisite for students before they are taking the Acoustics and Lightings Design as well as the Sustainable Architecture class.	NULL	5

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42	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6009	Introduction to Real Estate	2/0	This course give student basic knowledge of real estate and its relation with architectural and urban development aspects	LO1 - real estate definition and principles,LO2 - real estate financial and investment model,LO3 - real estate marketing and regulation in Indonesia,LO4 - real estate theory and its application in case of housing estate,LO5 - a proposal of New Housing Estate (small scale)	10
43	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6021	Building Technology IV	4/0	This course comprises building technology as building structure and building services, and their application. Students will learn high-rise building system and material application related to architectural design. The application of foundation, structural behavior, building services system, the use of materials (concrete, steel, composite, precast, prefab, and pre-stressed), construction methods, construction details, will be analyzed to support architectural design criteria.	LO1 - the fundamental principles and concepts of high-rise building system including the chosen structure system, construction, ME and building-economic.,LO2 - architectural works as a problem-solving contextual architecture based on material and detail construction of high rise building,LO3 - the idea of a high-rise building in the form of graphic, technical drawing, and model in digital techniques for preparation to carrying out construction work.	5
44	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6043	Architectural Design II	4/0	This course trains students to have awareness, understanding and skills to design and present architectural space and form of single function building on a specific site, by implementing building elements of architectural design principles. It also prepares students for the next course, Perancangan arsitektur 3.	NULL	2
45	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6045	Architectural Design IV	6/0	This course trains students to have awareness, understanding and skills to design and present architectural space and form of multiple functions building on a site based on site planning and behavior in architecture in effort to create the sense of a place. It also prepares students for the next course, Perancangan arsitektur 5.	LO1 - the problems of human needed in architectural design, LO2 - the professional ethics in architectural practices, LO3 - building system, LO4 - cultural & environment system in architectural design, LO5 - an architectural design work	5
46	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6054	Interior Design Principles	2/0	This course comprises basic knowledge of Interior Design. It gives students knowledge of interior design process, planning, and details of interior projects. It is related to architecture design process.	LO1 - Explain the definition of interior design, professional ethics of interior designer, context of interior design and pre-design work, LO2 - Classify stages of planning and design in interior design and select the appropriate elements of design, LO3 - Analyze project coordination and management, integrate their present design education and their future careers	10
47	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6055	Property Assessment I	2/0	NULL	NULL	10
48	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6059	Building Material Knowledge	2/0	NULL	NULL	5
49	Engineering	Arsitektur	BINUS @Greater Jakarta	ARCH6090	Architectural Geometry Design	2/0	In this course, students will explore how to understand parametric design thinking that is implemented in the generative design. Generative design brings architectural design to the realm of contemporary design by opening a new discourse of the design process. In this course, digital fabrication was introduced as an introduction to actual design production.	LO1 - the concept of Architectural Geometry using Cartesian Geometry and beyond., LO2 - parametric concepts applied in contemporary architectural design., LO3 - architectural geometry design using parametric algorithm	5

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50	Humanities	Hubungan Internasional	BINUS @Greater Jakarta	INTR8043	International Media and State Role	4/0	This course discusses key concepts, dynamics, organizations, roles, and influences of international media as well as its relations with states role and international issues. Media has been one of the important tools in international relations, particularly in shaping audiences' perspective and representing states' image, and this role is escalating massively in this globalization era. Therefore the objective of this course is to provide comprehensive understanding regarding international media and develop student's capacity to critically examine and analyze the roles and influences of international media towards states role as well as international issues.	LO1 - key concepts and role of international media in the social world, LO2 - the roles and influences of international media toward specific case study, LO3 - key concepts and integrated relation of international media in international relations, LO4 - the relation between international media, states and international issues	5
51	Humanities	Ilmu Hukum	BINUS @Greater Jakarta	LAWS6092	Business Competition Law	2/0	This course discusses the legal aspects on business activities in which business actors are prohibited to practice unfair business competition against their counterparts. It gives students understanding about the importance of business competition in order to secure the equal opportunities for all parties to enter a certain business arena as well as to protect consumers from being exploited. This course is related to the subject of Commercial Law and Consumer Protection Law.	LO1 - the key-concepts of business competition law. , LO2 - the appropriate concepts or theories in business competition law in addressing certain legal issues., LO3 - the weaknesses of Law No. 5 Year 1999 concerning Prohibition of Monopolistic Practices and Unfair Business Competition.	10
52	Humanities	Ilmu Hukum	BINUS @Greater Jakarta	LAWS6110	Cyber Law	2/0	This course studying cyber law in Indonesia and in practice, also its relation with other regulation. They are huge issue related cyber law because of technology development and new media such as Internet. This course specifically studying law in cyber related to Indonesian legal system. Technology issue about this also discussed to open student horizon about the complexity and to encourage student to ponder the theory about cyber law.	LO1 - Cyber law in Indonesia, LO2 - Related legislation to solve legal problems,LO3 - legal problem and recommend legal solution	5
53	Humanities	Pendidikan Guru Sekolah Dasar	BINUS @Greater Jakarta	EDUC6018	Micro Teaching	4/0	This course assists students to improve and sharpen their abilities to teach in elementary school classroom. With the emphasis on the portion of practice, students will carry out the preparation process, sharpen specific skills, receive feedback from audience and lecturer, personal reflection, and practice the skill taught in an integrated manner.	LO1 - Appropriate teaching skills based on the students grade, and subject's characteristic, LO2 - lesson plan for 5 main subjects in elementary school, LO3 - their peer when teaching	5
54	Humanities	Pendidikan Guru Sekolah Dasar	BINUS @Greater Jakarta	EDUC6048	Current Issues in Primary Education	4/0	This course assists students to identify and address issues in primary education. They will discuss some topics and issues, including good learning environment, effective curriculum, digital learning, and internationalziation of education. The chosen topics are relevant in the Indonesian context and some of them are discussed in the public areas, like in seminar and in newspapers. Based on the chosen topics, the students can be inspired to take part in improving the quality of education in Indonesia.	LO1 - some current issues in primary education in Indonesia , LO2 - some problems in primary education in Indonesia, LO3 - the cause and impact of the issues in primary education, LO4 - a concept and problem-solving of an issue in primary education	5
55	Humanities	Pendidikan Guru Sekolah Dasar	BINUS @Greater Jakarta	SCIE6039	Natural Science for Primary II	2/2	This course will introduce students to science concepts that are going to be learned by elementary school student. The process of learning will be emphasized on how understanding of science concepts can help elementary school students to enhance their curiosity, skill, and knowledge of the world as they live	LO1 - Science concept comprehensively, LO2 - The characteristic of the concept to choose the proper learning scenario, LO3 - The understanding of the concept to arrange classroom learning scenario	2
56	Humanities	Pendidikan Guru Sekolah Dasar	BINUS @Greater Jakarta	SOCS6017	Social Science for Primary II	2/2	This course will introduce students to social education for young learner. The process of learning will be emphasized on how understanding on social concepts can help elementary school students to enhance their curiosity, skill, and knowledge as they explore the world as they live.	LO1 - Define social concept comprehensively, LO2 - Explain the interconnection between concept and context, LO3 - Apply knowledge to solve problem	2

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57	Humanities	Psikologi	BINUS @Greater Jakarta	PSYC6124	Psychology of Early Childhood Education	4/0	This course describe the concept of education for early childhood students. The topics will explain the What, Who, Why, Where and How this concept can help early childhood students to get education.	LO1 - the basic theories of early childhood education, LO2 - the application of developmental psychology related to the curriculum of early childhood education, LO3 - the strategies of guidance in early childhood education, LO4 - researches and contemporary issues on various topics in early childhood education	5
58	Humanities	Psikologi	BINUS @Greater Jakarta	PSYC6125	Psychology of Special Needs Education	4/0	This course will discuss the concept of educational for children with special needs, include the teaching strategies and inclusive education for children with special needs.	LO1 - Describe the basic concept of education for special needs children, LO2 - Explain the wide range of special needs children and the appropriate teaching strategies, LO3 - identify the existing special needs education's curriculum	5
59	Humanities	Psikologi	BINUS @Greater Jakarta	PSYC6184	Innovative Teaching Strategies	4/0	NULL	NULL	5
60	Humanities	Sastra Cina	BINUS @Greater Jakarta	CHIN6033	History of China	2/0	This course aims to provide students with a broad overview of Chinese history to help students understand the present existing social, political religious and economy conditions of China. Through the knowledge of history students are expected to see the background of China's customs, administration and other present conditions as the result of past problems and issues.	LO1 - general facts, events, concepts related to the study of Chinese history, LO2 - problems or issues regarding historical events, facts and concepts, LO3 - critical thinking through written articles or oral presentation about facts, events and customs in Chinese history	10
61	Humanities	Sastra Inggris	BINUS @Greater Jakarta	MKTG6112	Language Innovations in Marketing and Advertising	2/0	After successful completion of this course, students will be able to analyze and produce the linguistic trends of marketing tools and advertisements.	LO1 - the principles of good marketing and advertising, how messages stick and influence people, LO2 - copywrite for radio, tv, print, or social media, LO3 - factors contributing to social content marketing.	5
62	Humanities	Sastra Inggris	BINUS @Greater Jakarta	SOCS6021	Social and Digital Media Writing	2/0	This course is designed to provide students with sound knowledge and skill in writing for digital media. Students learn how to write effectively for online audiences. Through exercises in the course, students are expected not only to be able to use their insights in their writings to create good contents for digital formats and environments, but also to think critically for instance as a site manager or content developer.	LO1 - the characteristics of Social and Digital Media Writing, LO2 - between digital and analog media and writing, LO3 - effectively for social and digital media	5
63	Humanities	Sastra Jepang	BINUS @Greater Jakarta	JAPN6083	Composition and Presentation (Sakubun to Hapyou)	2/0	Composition and Presentation is the course for intermediate students to achieve how to write the text through the intermediate vocabulary and grammar, especially to make a research plan, research result report, and how to presentate that in Japanese.	LO1 - how to make formal sentences in Japanese intermediate level, LO2 - level text containing intermediate grammar and vocabulary, LO3 - how to make research plan, LO4 - presentation in Japanese, LO5 - the intermediate grammar and vocabulary in the text and daily conversation to be used at presentation	5
64	Humanities	Sastra Jepang	BINUS @Greater Jakarta	JAPN6114	Business Japanese I (Bijinesu Nihongo I)	2/0	This course is designed to define, restate, and perform the Japanese business culture and how to use honorific language in conversation and texting email. Student will express the Japanese business culture and illustrate while doing work with Japanese workers. This course will be continued to Business Japanese 2 to perform more advance and applicable in Japanese business culture.	LO1 - the various topics with using Japanese honorific, LO2 - the situation in Japanese business communication, LO3 - the concepts of Japanese business communication, LO4 - the Japanese business communication	5

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65	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	BUSS6043	Introduction to E-Business	4/0	This course introduces and defines e-business basic concept and related terms. The course offers students explains e-commerce and e-business, the impact of the internet for macro environment and corporate competencies, internet consumer retailing, consumer behavior and moving form wired e-commerce to mobile e-commerce.	LO1 - how e-commerce differs from e-business and primary technological building blocks underlying e-commerce, LO2 - the key components of e-commerce business models and the basic digital commerce marketing and advertising strategies and tools., LO3 - the major trends in the consumption of media and online content, the major revenue models for digital content delivery, digital rights management, and the concept of media convergence., LO4 - the major trends in the consumption of media and online content, the major revenue models for digital content delivery, digital rights management, and the concept of media convergence.	10
66	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	BUSS6047	E-Business Strategy	4/2	This course emphasizes a fundamental understanding of strategy and marketing of e-business concept and practice. The course offers students analyze a digital markets segmentation and provide opportunities of new market spaces in e-business. By the end of this course, students are required to demonstrate an e-business strategy by utilizing website as strategy.	LO1 - Digital marketplace analysis, LO2 - Digital business strategy, LO3 - Digital marketing, LO4 - Customer experience and service design	2
67	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6123	Introduction to Database Systems	2/2	This course introduces concepts and terminologies in database system, like database architecture, relational model, Structured Query Language (SQL), security issues in database environment, normalization technique, ER modeling, and database technologies like Data warehouse concept. It gives student basic knowledge about how to create and modify tables that appropriate to the requirements of organization.	LO1 - concepts, terminologies, environment, and relational model in database system, LO2 - user role and right access to increase security in database system, LO3 - query of SQL that suitable with the problem, LO4 - database using structured data model, LO5 - database technology concept	10
68	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6126	Enterprise System	4/0	Enterprise System course gives knowledge to the students to learn more details about Enterprise Resource Planning (ERP), Supply Chain Management (SCM), Customer Relationship Management (CRM) and their integration in the Company. The students already know about the concept and how to manage IS implementation in the company, but the students have to know how to use information technology that integrate application for identify the problems, identify and analyze user requirement, how to choose the vendor for IS implementation, how to develop IS in the company, and able to solve the problems effectively by using Information Systems. This course is the continuation of Management Information System (MIS) course.	LO1 - basic concept of enterprise system for management, LO2 - basic concept of system integration, LO3 - case study in enterprise systems, LO4 - integration application and strategy in implementation ERP in company, LO5 - topic / idea of integration enterprise system activities (ERP, SCM, CRM) needed by the Company	10
69	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6146	Information System Security	2/0	This course will deliver the basic principles of information system security along with real world applications and examples. It focuses on risks, threats, and vulnerabilities associated with the transformation to a digital world. The course comprises of the need for information security such as history, principles, network and security trend, etc.	LO1 - the information system security, LO2 - the information system security framework and tools, LO3 - the information system security and its relation with others	10

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70	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6186	Business Process Fundamental	4/0	This course will learn about transaction processing, ethics, fraud, and internal control, the revenue cycle, the expenditure cycle, the conversion cycle, financial reporting and management reporting systems, the REA approach to database modeling, enterprise resource planning systems. This course will provide the basic philosophy of thinking for students in the search for innovative methods to support the user's accounting system, information technology and troubleshooting. After studying this course, students are expected to study independently at the time of dive as a professional in information systems.	LO1 - the model of business process, LO2 - an integrated business process, LO3 - the roles of Information Technology in Business Process and Organizational activities to achieve its goals	10
71	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6190	Advance in Data & Information Management	4/0	The course introduces the concepts and methodologies of the database management. This course gives student knowledge's related with database security, transaction management, query processing, distributed DBMSs and replication, data warehousing concepts, data warehousing design, OLAP, and data mining. This course is prerequisite for the thesis database design	LO1 - Distributed DBMSs and Replication, LO2 - BI Concept & Design, LO3 - Data Mining, LO4 - Big Data Need, LO5 - Big Data Concept, LO6 - Big Data Application	10
72	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6198	Data and Information Management	4/0	This course introduces the core concepts in data and information management, started from identifying organizational information requirements until design physical database for relational database based on Database System Development Lifecycle. This course also helps the students understand the concepts and methodologies of database design and gives student knowledge related to database design. This course is prerequisite for advance in data and information management course.	LO1 - the concept of data and information management as suitable with Database System Development Life Cycle and database design methodologies, LO2 - database design methodology, terminologies, and new concept of database, LO3 - database which includes conceptual, logical, and physical based on Database System Development Lifecycle, LO4 - Database using Structured Data Model	10
73	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6202	Social Informatics	4/0	This course gives student understanding that social informatics and social media are important; therefore students need to do something about it and they know why and how to use it in business context. In study social informatics, student must have some background of business and management, information system concept and e-business.	LO1 - Social Media and Social Behavior Change, LO2 - Business Model with Social Media, and Communication for Development, LO3 - Using Digital and Social Media	10
74	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6203	Mobile Application Development	2/2	Mobile Web Application is a subject that gives the student knowledge about the basic concept of Android Platform. Students should be able to know the fundamental knowledge about mobile application development and ability to design application based on Android Platform.	LO1 - the mobile applications development, LO2 - user interface for mobile application, LO3 - the main feature in application design	10
75	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6204	E-Business Design	4/0	This course focus on concepts that will help students understand and take advantage of the evolving world of opportunity offered by e-commerce, with a strong conceptual foundation on business, technology and society. This course provides students with a strong and coherent conceptual framework for understanding e-commerce in the global economy and facing Revolution Industry 4.0	LO1 - E-Commerce Business Concepts, LO2 - Technologies for E-Commerce, LO3 - E-Commerce Business Concepts and Social Issues, LO4 - E-commerce Implementation in Global Economy	10
76	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6206	IS Strategy, Management and Acquisition	4/0	The aim of this course is to learn about processing power, inter-connectivity of devices, storage capacity, and bandwidth are all increasing so rapidly that it is fundamental changing how we use digital devices, because business are increasingly finding innovative applications for information systems. The predecessor courses are Introduction to basic systems concept and tools, Management Information Systems, Management Support Systems, Information and Business Process and the successor course is Enterprise Architecture.	LO1 - how importance of Information Systems to use in collaboration and corporate's strategy, LO2 - what information technology can support mobile systems and Cloud, LO3 - how using Information Systems for competitive advantage, LO4 - information system management in corporate's application development	10

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77	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6210	Data Visualization	2/0	This course comprises the basic concept of data visualization in the term of Performance Dashboard; how to design a dashboard and technology and requirements that needed to build a dashboard. This course give student basic knowledge related with performance dashboard and skill how to design, build and implement dashboard that appropriate to the need.	LO1 - the basic concepts, the framework and context for understanding the performance dashboards, LO2 - performance dashboards in depth and critical success factors of performance dashboards project, LO3 - process of creating the building blocks of a performance dashboard and putting the dashboard items together, LO4 - the key advanced functions of performance dashboard and how use them play with data and image to drive the dashboard relevant to the business user	10
78	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6256	Information Systems Project Management	4/0	This course provides an understanding of how to perform project management, such as human resource planning, system development, project estimation, project scheduling, project implementation and control. Students will learn the processes, tools, techniques, and areas of knowledge needed to successfully manage information technology (IT) projects.	LO1 - the overview of information technology project management and the concepts of life-cycles, methodologies, and processes for managing and developing the project., LO2 - how to conceptualize and start a project , LO3 - the project infrastructure and developing project plan, project schedule, and project budget, LO4 - the project risk, stakeholder analysis, communication plan, and quality management plan, LO5 - project team and organizational change , LO6 - project completion : project implementation, closure, and evaluation	10
79	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6283	Business Intelligence	4/0	This course comprises the concept of Business Intelligence aspects and implementations. The student can know and learn the techniques and methods used in preparing and Decision Support System data management, through Business Intelligence. This course gives student knowledges related with Introduction to Business Intelligence, Data Warehousing, Business Performance Management, Data Mining, Text and Web Analytics, Business Analytics, and The Complete Project Lifecycle for Decision-Support Applications.	LO1 - a collection of computer technologies that support managerial work— essentially, decision making., LO2 - business intelligence activities., LO3 - problems in business intelligence., LO4 - prototype strategy information system for business intelligence.	10
80	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6284	Analytical Information System	4/0	This course presents basic concepts of strategic information system applications in business and describes information system activities for the executives in making decision to support technology information. It gives the students knowledge of thesis topics on strategic information system and corporate information systems in business. It is related to End User Information System Course	LO1 - the basic concept of strategic information system and corporate information systems, LO2 - management support systems activities, LO3 - problems in management support systems, LO4 - prototype strategy information system for decision support systems in business	10
81	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6338	Testing and Systems Implementation	2/0	Testing and Implementation is a methodology for system testing and implementation. It uses test tool to make some software testing. This course gives student knowledge of how to set the level of quality and make software testing and implementation preparation and execution of the system	LO1 - Describe the foundation of testing project,LO2 - Design the testing management plan for a software,LO3 - Manage execution testing process and testing team,LO4 - Design the software implementation plan	10
82	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6477	Advanced in Business Application Development	4/2	Advanced in Business Application Development is a course for preparing students for developing the business project and the application software.	LO1 - business process model and user requirements, LO2 - the business plan and the business model, LO3 - Business System Application solutions using appropriate technology, LO4 - a project for the Business Application Development, LO5 - Requirement Analysis document for proposed business solutions	10

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83	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6535	Information Systems Analysis and Design	4/2	This course comprises a methodology for Information systems analysis and design as a part of information system development. This course gives the students the knowledge and skills to gather user requirements and analyze and make a model of requirement using an object-oriented approach using UML notation. This course is a prerequisite for Advanced System Analysis and Design course and related to the User Experience Course.	LO1 - Information System Development methods and the Systems Analysis and Design with UML, LO2 - the techniques and methods for gathering user requirements and define the requirements, LO3 - value propositions in business with physical / visual representation of an idea, LO4 - Functional requirement models and their descriptions to describe which activities must do with the system for users., LO5 - structure or domain models and their descriptions to describe data storing needed by the system, LO6 - Proposed System Analysis Documents and gaining Approval from users	10
84	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6536	Enterprise Systems	2/0	Enterprise System course gives knowledge to the students to learn more details about Enterprise Resource Planning (ERP), Supply Chain Management (SCM), Customer Relationship Management (CRM) and their integration in the Company. The students already know about the concept and how to manage IS implementation in the company, but the students have to know how to use information technology that integrate application for identify the problems, identify and analyze user requirement, how to choose the vendor for IS implementation, how to develop IS in the company, and able to solve the problems effectively by using Information Systems. This course is the continuation of Management Information System (MIS) course.	LO1 - basic concept of enterprise system for management , LO2 - basic concept of system integration , LO3 - case study in enterprise systems , LO4 - integration application and strategy in implementation ERP in company , LO5 - topic/idea of integration enterprise system activities (ERP,SCM,CRM) needed by the Company	10
85	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6537	User Experience	4/2	<p style="text-align: justify;">This course introduces the methodology of enhancing user satisfaction and loyalty by improving the usability, ease of use, and pleasure provided in the interaction between the user and the system. User experience is any aspect of a person's interaction with a given IT system, including the interface, graphics, industrial design, physical interaction, and the manual. It enables students to analyse, design and build properly User Experience by using a structure system methodology.	LO1 - the essentials of designing user experience, LO2 - techniques for designing User Experience, LO3 - context for designing User Experience, LO4 - the foundations of user experience design	10
86	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6542	Advanced Information System Analysis and Design	4/2	NULL	NULL	10
87	Information Systems	Sistem Informasi	BINUS @Greater Jakarta	ISYS6596	User Experience Research and Design	4/2	NULL	NULL	10