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About Universitas Tarumanagara





Special Capital Region of Jakarta (Indonesian: Daerah Khusus Ibukota Jakarta, DKI Jakarta) and formerly known as Batavia is the capital city and largest metropolis of Indonesia. Lying on the northwest coast of Java, the world's most populous island, Jakarta is the largest metropole in Southeast Asia, and serves as the diplomatic capital of ASEAN. Jakarta is the economic, cultural, and political centre of Indonesia.

As the capital of Indonesia, Jakarta is a melting pot of cultures from all ethnic groups of the country. Though Betawi people are an indigenous community of Jakarta, the city's culture represents many languages and ethnic groups, supports





differences regarding religion, traditions and linguistics, rather than any single and dominant culture.

All varieties of Indonesian cuisine have a presence in Jakarta. The local cuisine is Betawi cuisine, which reflects various foreign culinary traditions. Betawi cuisine is heavily influenced by Malay-Chinese Peranakan cuisine, Sundanese and Javanese cuisine, which is also influenced by Indian, Arabic and European cuisines. One of the most popular local dishes of Betawi cuisine is Soto Betawi which is prepared from chunks of beef and offal in rich and spicy cow's milk or coconut milk broth.









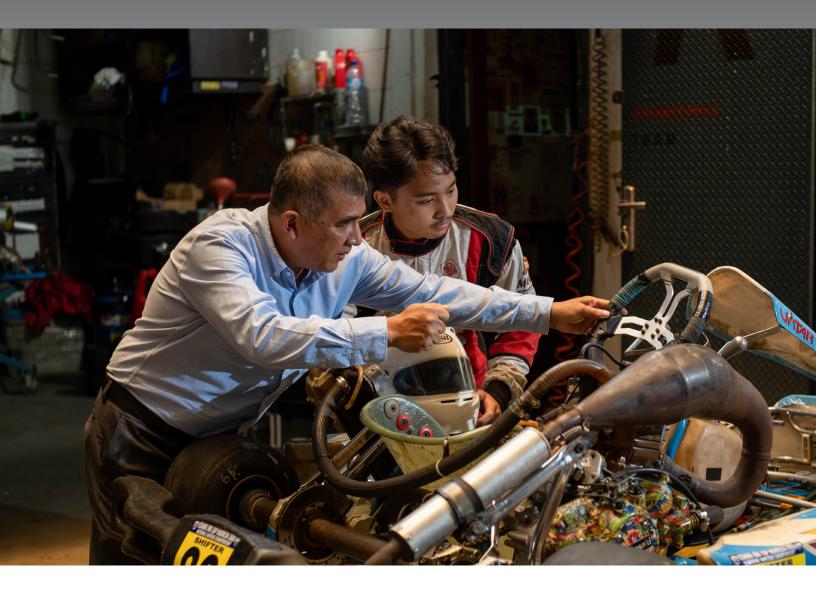






Universitas Tarumanagara

Jakarta, Indonesia



Untar is a private university in Jakarta, Indonesia. Established in 1959, Untar an EXCELLENT - accredited university from BAN-PT (National Board of Accreditation for Higher Education, Indonesia), has become one of the most leading Indonesian universities.

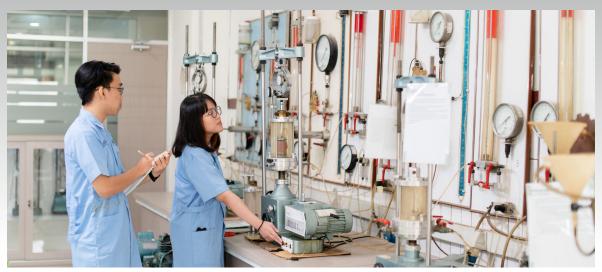
Untar comprises of 8 faculties, offering 16 bachelor programs, 9 master programs, 2 professional programs, 3 doctorate programs to choose from.

Currently, Untar educates more than 15.000 students of various backgrounds, supported by more than 600 permanent lecturers and professors.

More than 150.000 Untar alumni are spread across Indonesia and the globe, creating a network of alumni and students. Untar is in collaboration with more than 100 partner institutions from various countries, including Japan, Taiwan, South Korea, China, Malaysia, India, Philippines,







Germany, Australia, England, Switzerland, Netherlands, Jordania, New Zealand, Canada, Singapore, Thailand, Vietnam, and Timor Leste.

Untar is always innovating and gives the best educational services to the students, proven by international recognitions such as ranked #3 in AppliedHE Private University Ranking: ASEAN+ 2023, rated as a 4 Stars University by QS Stars University Ratings, and ranked 601+ QS

Asia University Rankings. Untar also has acquired international certifications, such as ISO 9001:2015, and accredited by IABEE, CPA, and ICAEW.

Providing high-quality education through INTEGRITY, PROFESSIONALISM, & ENTREPRENEURSHIP values.



Strategically located in the core of

West Jakarta



Untar always the smarter choice

























Areas of **Expertise**

Untar strives to encourage the growth of Indonesia's creative economy by becoming one of the largest private universities in Indonesia that produces competent graduates with entrepreneurial spirits able to compete in the highly competitive global era.

Untar offers a wide range of study programs in the fields of economics & business, social & law, humanities, engineering (mechanical, electrical, industrial, civil, architecture, and urban planning), ICT, arts, and medicine.

Untar curriculum is developed with focus on entrepreneurial development, supported with 8 programs of the Independent Learning Independent Campus (MBKM) that was launched by the Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia such as internship, student exchange, entrepreneurship program, social activities, and many more.

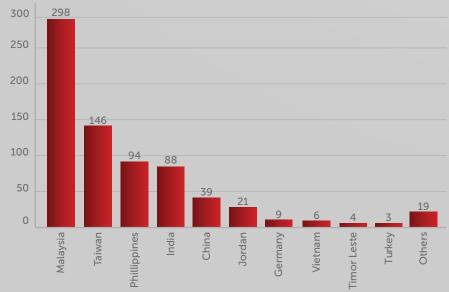
Methods such as project-based learning, e-learning, entrepreneurship training on students and lecturers, and conducive academic atmosphere, are the excellence of Untar's education implementation.

Values of Integrity,
Professionalism, and
Entrepreneurship (IPE) are
instilled in students to prepare them
as prospective graduates in the
challenging professional world, so that
they will be ready to build business
opportunities for others.

Global Universities Partnership and Student Exchange

Untar is in collaboration with more than 20 universities abroad, and 727 students from various countries have studied up to one full semester at Untar







Short Course Student Exchange Program







Entrepreneurship & Cultural Mobility Program

One month program with 2 weeks onsite study in Indonesia and 2 weeks self-learning from home equals up to 6 semester credits.

rogram Structure

Introduction to Creativity & Entrepreneurship in Indonesia

This course provides an overview of the entrepreneurial landscape in Indonesia, focusing on the unique opportunities, challenges, and cultural contexts that shape entrepreneurship in the country. It covers fundamental concepts of entrepreneurship, such as idea generation, business planning, marketing, finance, and management, tailored specifically to the Indonesian context. Additionally, the course

may delve into case studies of successful Indonesian entrepreneurs, government policies supporting entrepreneurship, and emerging trends in the Indonesian startup ecosystem. Participants will gain insights into the dynamics of starting and growing a business in Indonesia, equipping them with valuable knowledge and skills to navigate the local entrepreneurial environment effectively.

Media Visit

This Activity involves organizing an excursion or tour to media-related organizations, such as newspapers, television stations, radio stations, online news platforms, or production studios. During the visit, students have the opportunity to observe and interact with professionals working in various facets of the media industry. They may participate in guided tours, attend presentations or workshops, engage in Q&A sessions with journalists or media producers, and even have hands-on experiences such as shadowing reporters or observing live broadcasts. This immersive experience allows students to gain insights into the day-to-day operations of media outlets, learn about different career paths within the industry, understand the technological advancements shaping modern media, and network with professionals for potential internships or future employment opportunities.

Latest event, students are visited Media Indonesia, Metro TV, SCTV, Indosiar TV, and other media companies.

Industrial Visit

The primary objectives of an Industrial Visit are to provide students with practical exposure to real-world industrial environments, supplement theoretical knowledge with practical insights, understand the application of classroom concepts in actual production scenarios, and foster industry-academia collaboration. Additionally, Industrial Visits help students develop essential skills such as problem-solving, critical thinking, and teamwork, and can also serve as a platform for networking and exploring potential career opportunities within the industry. Overall, Industrial Visits play a crucial role in enhancing the academic learning experience and preparing students for future careers in their respective fields.

Latest event, students are visited VIVERE Group, Astra Honda Motor Plant, and other plant and showrooms.

















Cultural Visit

This course offers an immersive exploration of the rich cultural heritage and landmarks of Indonesia's capital city. The itinerary typically includes visits to iconic sites such as Jakarta Cathedral, Monas (the National Monument), and Istiqlal Mosque, which represent the religious diversity and historical significance of Jakarta.

Students will have the opportunity to appreciate the architectural marvels of these structures, learn about their cultural and historical significance, and gain insights into the religious practices and traditions observed in Indonesia.

Additionally, the cultural visit may include trips to museums and galleries showcasing Indonesia's art, history, and culture. These institutions offer students a chance to explore various artifacts, artworks, and exhibitions that provide a deeper understanding of Indonesia's diverse heritage, traditions, and contemporary issues.

Overall, a Cultural Visit activity provides students with a holistic and enriching experience that combines historical, religious, and artistic elements, allowing them to broaden their perspectives, deepen their knowledge, and forge meaningful connections with the cultural fabric of Jakarta and Indonesia as a whole.

Best Practice Session

This session involves a structured and interactive session where practitioners from various business fields, including CEOs, business owners, and industry experts, share their insights, experiences, and successful strategies with students. These sessions are designed to provide students with practical knowledge, real-world perspectives, and valuable advice directly from professionals who have excelled in their respective fields.

During the session, practitioners may discuss a range of topics such as industry trends, emerging technologies, leadership principles, effective management practices, marketing strategies, financial management, entrepreneurship, and career development. They may also share case studies, personal anecdotes, and examples from their own professional journeys to illustrate key concepts and principles.

The session typically includes presentations, panel discussions, Q&A sessions, and interactive activities that encourage student engagement and participation. Students have the opportunity to ask questions, seek advice, and learn from the firsthand experiences of the practitioners.







These cultural activities not only offer students a chance to learn new skills and techniques but also promote cultural appreciation, cross-cultural understanding, and teamwork. By engaging in these traditional art forms and musical practices, students gain insights into Indonesian culture, traditions, and values, fostering a deeper connection with the local community and broader global perspectives.

Indonesia Cultural Experience

This course offers an immersive experience into the rich cultural heritage of Indonesia through activities such as Membatik (batik art) and playing traditional Indonesian instruments like the angklung.

Membatik is a traditional Indonesian art form where students will learn the intricate process of batik making, which involves applying wax to fabric and dyeing it to create beautiful patterns and designs. During the session, students will have the opportunity to practice the techniques of batik making under the guidance of skilled artisans, gaining hands-on experience and appreciation for this centuries-old craft.

Scientific Paper Writing & Publication in International Conference

Scientific Paper Writing & Publication in International Conference activity provides the opportunity for students to deepen their skills in various preferred fields through short-term researches and scientific paper writings.

The resulting papers then will be published in international conferences such as TICASH-TICATE Untar and/or ICEBSH-ICASTE Untar. Additionally, the papers will have the opportunity to be published in various reputable accredited journals or book chapters.





Full 1 Semester Student Exchange Program







Program Structure

Introduction to Entrepreneurship in Indonesia

This course aims to introduce students to the exciting world of entrepreneurship in Indonesia. Through a blend of theoretical concepts and practical applications, students will explore the fundamentals of starting and managing a business in the Indonesian context. Topics covered will include opportunity identification, business planning, market analysis, and strategic

decision-making. Additionally, students will gain insights into the entrepreneurial ecosystem in Indonesia, including government initiatives, industry trends, and cultural considerations. By the end of the course, students will be well-equipped to pursue entrepreneurial ventures and contribute to the vibrant entrepreneurial landscape in Indonesia.

Market Research and Analysis

This course focuses on providing students with a deep understanding of market research and analysis tailored to the Indonesian entrepreneurial landscape. Students will learn how to navigate the complexities of the Indonesian market, including cultural nuances, regulatory environments, and emerging trends. Through hands-on projects and practical exercises, students will develop the skills necessary to identify market opportunities, assess market demand, and formulate effective marketing strategies to drive the success of entrepreneurial endeavors in Indonesia.

Financial Management for Entrepreneurs

The course "Financial Management for Entrepreneurs" is designed to provide students with the essential knowledge and skills needed to effectively manage finances in entrepreneurial ventures. Through a combination of theoretical concepts, practical applications, case studies, and hands-on exercises, students will learn how to make informed financial decisions, optimize resource allocation, and navigate the financial challenges and opportunities inherent in starting and growing a business.

Marketing Strategies for Startups

The course "Marketing Strategies for Startups" is designed to provide students with the essential knowledge and skills required to develop and implement effective marketing strategies for new ventures. Through a combination of theoretical frameworks, case studies, practical exercises, and real-world applications, students will learn how to identify target markets, differentiate their offerings, and create compelling marketing campaigns on limited budgets typical of startup environments.

Bahasa Indonesia

Bahasa Indonesia course aims to teach students the Indonesia language, which is the official language of Indonesia. The course may cover a variety of topics, including basic grammar, pronunciation, vocabulary, and conversation skills. The course covers an introduction to the Indonesian language, including alphabets, basic pronunciation rules, and common greetings and expressions. Student may then learn basic grammar concepts, such as sentence structure, verb tenses, and parts of speech. They may also learn common Indonesian words and phrases related to topics such as travel, food, and everyday life.



Program Structure

Product Development and Innovation

The course "Product Development and Innovation" offers students a comprehensive understanding of the process, principles, and strategies involved in creating innovative products for entrepreneurial ventures. Through a blend of theoretical frameworks, case

studies, practical exercises, and handson projects, students will learn how to identify customer needs, generate creative ideas, design and prototype products, and manage the product development lifecycle effectively.

Entrepreneurial Leadership and Team Building

This course is designed to equip students with the knowledge and skills necessary to effectively lead and manage teams in entrepreneurial ventures. Through a combination of theoretical frameworks, practical exercises, case studies, and real-world examples, students will explore the principles of leadership, team dynamics, communication, motivation, and conflict resolution within the context of startups and new ventures.

Legal Aspects of Entrepreneurship

This course aims to provide students with a solid understanding of the legal landscape surrounding entrepreneurship in Indonesia. Students will learn how to identify and address legal issues relevant to business operations, including licensing requirements, tax obligations, and employment laws. Additionally, the course will explore the role of legal professionals and advisors in providing guidance and support to entrepreneurs. Through case studies and practical exercises, students will have the opportunity to apply legal principles to real-world scenarios, develop risk management strategies, and make informed legal decisions to ensure the long-term success and sustainability of their entrepreneurial ventures in Indonesia.

Scaling and Growth Strategies

This course is designed to provide students with the knowledge and skills necessary to navigate the challenges and opportunities associated with scaling a startup or entrepreneurial venture. Through a combination of theoretical frameworks, case studies, practical exercises, and real-world examples, students will explore various strategies and techniques for achieving sustainable growth, expanding market reach, and maximizing the value of their businesses.

Entrepreneurship Capstone Project

The Entrepreneurship Capstone Project is designed to serve as the pinnacle experience in the entrepreneurship program, allowing students to showcase their entrepreneurial acumen and creativity while addressing real-world challenges or opportunities. Through this experiential learning journey, students will gain invaluable insights into the complexities of launching and scaling a startup venture in Indonesia. The course will culminate in a final presentation or pitch event, where students will have the opportunity to present their business plans or prototypes to a panel of industry experts, investors, and peers. By successfully completing the Entrepreneurship Capstone Project, students will demonstrate their readiness to make meaningful contributions to the entrepreneurial ecosystem in Indonesia and beyond.









Program Structure

Marketing Management

This course discusses marketing concepts, marketing strategies, strategic marketing in general and its application in the business world, particularly in successful corporations. Marketing cases in Indonesia are the topic of discussion in this class.

Destination Marketing

This course discusses the application of marketing management in managing tourist destinations. Apart from that, marketing strategies, application of marketing research, creation and management of brands in destinations are also discussed. Examples of the development of tourist destinations in Indonesia become the material for discussion in this class.

Consumer Behavior

This course discusses the concepts of consumer behavior and the application of theoretical concepts to marketing strategies and decision making for private and government organizations. The material provided includes consumer behavior, internal and external influences on consumer behavior, organizations as consumers and marketing regulations. The topic of consumer behavior in Indonesia is a specialty in this course.

Strategic Management

This course is an integration of general management functions, namely marketing, finance, operations and human resources. This course is intended to train students to be able to identify strengths and weaknesses, as well as assess the opportunities and threats faced by companies, which then will be formulated into company strategies, especially in Indonesia.

Bahasa Indonesia

Bahasa Indonesia course aims to teach students the Indonesia language, which is the official language of Indonesia. The course may cover a variety of topics, including basic grammar, pronunciation, vocabulary, and conversation skills. The course covers an introduction to the Indonesian language, including alphabets, basic pronunciation rules, and common greetings and expressions. Student may then learn basic grammar concepts, such as sentence structure, verb tenses, and parts of speech. They may also learn common Indonesian words and phrases related to topics such as travel, food, and





Business Accounting

Program Structure

Sustainability Reporting

The preparation of Sustainability Reporting refers to the Global Reporting Initiative (GRI) which is widely used by industries in Indonesia. The preparation of Sustainability Reporting also emphasizes the company's role in increasing the achievement of Sustainable Development Goals (SGD) according to the targets set by the Indonesian Government. Through discussions on Sustainability Reporting from various industries in Indonesia, students assess the level of implementation of companies' success in maintaining sustainability and contributing to the achievement of SGDs.

Entrepreneurial Strategy

The aim of this course is to develop a business strategy from the business model created by the student group. The discussion includes creating new business models and developing strategies from operational aspects such as sales, marketing, logistics, and supporting aspects such as finance, human resources and information technology. All aspects of the strategy will be summarized in a business proposal that will be presented in the class or in a competition forum.

Contemporary Auditing and Fraud

The contemporary audit and fraud course is a comprehensive course with discussions covering concepts and various cases with the latest (contemporary) topics in the field of auditing and fraud scandals. The aim of this course is to provide an in-depth understanding of fraud practices and cases. Through assignments and discussions, students better understand audit standards, professional ethics of accountants and public accountants, high risk accounts, internal control, fraud schemes which include financial shenanigans, misuse of assets, corruption and the latest audit/fraud scandal cases that occurred in Indonesia and other countries.

Taxation of Specific Industries

This course studies specific taxation for tax cases in special industries such as franchises, real estate, hospitals, mining and others. This includes changes in general tax regulations in accordance with the developments of Indonesian and global economics, which will have an impact on the taxation of certain industries in Indonesia. Through discussions, students will be trained to analyze and interpret tax regulations correctly in order to train them to provide alternative solutions to cases without violating existing rules and regulations.

Bahasa Indonesia



Introduction to Indonesian Law & Legal System

The preparation of Sustainability Introduction to law provides foundation for law students in understanding the law in Indonesia. This course will introduce law as a science while also guide students to understand the concept of law in Indonesia.

Indonesian Civil Law

Indonesian civil law course is designed to provide students with a comprehensive understanding of the principles and provisions of civil law in Indonesia. The course covers a range of topics related to the legal system, including the sources of law, legal, istitutuons, and the role of civil law in Indonesian society. Students will also learn about the key concepts and principles that underlie Indonesian civil law, including the law of persons, family law, property law, contract law, and tort law.

Indonesian Business Law

Business Law course is designed to provide students with a comprehensive understanding of the legal framework that governs business activities in Indonesia. The course covers a range of topics related to the legal system in Indonesia, including the sources of law, legal institutions, and the role of law in business transactions. Students will learn about the key concepts and principles that underlie business law in Indonesia, including contracts, torts, property law, intellectual property law, and employment law.

Legal & Contract Drafting

A course on Contract and Legal Drafting is designed to provide students with the understanding of the basic principles of contract law and the skills needed to draft effective legal documents. The course covers a range of topics related to the legal system, including the elements of a contract, contract formation, and contract interpretation. Students will learn how to draft legal documents such as contracts, leases, and employment agreements. They will study the essential components of these documents and how to structure them effectively to ensure clarity and enforceability.

Bahasa Indonesia



Architecture Design Studio 1

Architecture Design Studio 1 provides knowledge of how architecture built from ideation, abstraction to the simulated structure. The class will train the students to think through a combination of 2D and 3D simulations built manually in accorxance to the model. The students will learn how to recognize the architectural

space through their body, body movement and the apparatus in their surroundings. Students will also be introduced with some techniques to manipulate space and material expression. The class will be concluded by making an architectural project with a single program. Through this, students will learn and exercise their architectural knowledge and skills in the form of architectural story, architectural drawing and models as project representation.

Visual Representation 1

Visual Representation 1 trains visual arts competencies as an important part of architectural knowledge. The focus of learning is the ability to represent various visual objects and media through hand drawings. Each exercise given has different levels and stages, from a single object to complex object composition. The final aim of this course is students to be able to represent hand drawings that have aesthetic and artistic value.

History of Architecture 1

The History of Architecture 1 course has two learning stages. First, students will learn to understand the meaning of architecture through various literature, views from experts and the relationship between humans, space and built environment. Furthermore, architecture is seen as a part of the development of culture and civilization. The second is to understand the history of architectural development in Indonesia - Indonesian architecture (traditional and vernacular) and the development of regional (local) architecture.

Praxis of Technology 1

Praxis of Technology 1 course will provides basic knowledge about how structural systems work and the construction of a simple building. Students will explore the working principles of a structural system related to stiffness, strength and robustness. Students will deepen various knowledge about simple engineering mechanism and force loading on a structural system.

Bahasa Indonesia





Earthquake Engineering

This course provides students with the knowledge to design an earthquakeresistant building structure from reinforced concrete and steel structures. First, students will be introduced to the background theories of structural dynamics as a way to understand how to analyse the structures due to earthquake loading. Basic knowledge of structural responses under single-degree-of-freedom (SDOF) and multi-degree-of-freedom (SDOF) experienced by free vibrations are briefly explained, which leads to more complex analyses such as response spectrum and response history analyses. Secondly, the students will learn how to perform dynamic analyses of steel building structures. Students will also learn how to perform

rogram Structure

equivalent lateral force analysis to control their results from the dynamic analyses. Students will finally be explained how to implement the conceptual design of earthquake-resistant steel structures by using the special moment resisting frame (SMRF) as the lateral force-resisting system. A basic understanding of the member design constructed from steel structures is necessary. The whole course will be delivered with the reference from the latest American Specifications, such as ASCE 7-2022, AISC 341-2022, and AISC 358-2022.

Design of Steel Structures

In this course, students will learn how to carry out the design and calculation of tension members, compression members, and flexural members. Students will also learn how to perform structural stability analyses based on the traditional (Equivalent Length Method) and advanced methods (Direct Analysis Method). At the end, students will be introduced to the simple connection designs implemented to the tension member, flexural member, and steel frame. Two common methods on steel connection will be introduced, i.e., bolt connection and weld connection. The course will be delivered based on the latest American Specifications, such as ASCE 7-22 and AISC 360-2022.

Traffic Engineering

Students will learn the basics of Traffic Engineering in Civil Engineering World. The core principles of traffic performance, including speed, density, and flow dynamics, alongside methodologies for conducting traffic surveys. Explore advanced modeling techniques to analyze the relationship between flow, speed, and density, aligning with Indonesian road capacity standards. Discover strategies for effective traffic management, encompassing traffic control systems and congestion alleviation methods. Gain insights into traffic laws, safety regulations, and pedestrian management, crucial for ensuring the smooth operation of transportation networks. Engage in practical projects and industry collaborations to refine problem-solving skills and gain real-world experience. By the program's end, graduates are expected to be adept traffic engineers, ready to tackle the challenges of urban mobility, contribute to infrastructure development, and promote sustainable transportation solutions in Indonesia.

Soil Dynamics and Improvement

This course delves into the dynamics of soil, covering vibration and pressure wave theories, dynamic soil parameters, and the design of foundations and retaining walls under dynamic forces. Students will explore earthquake theory and liquefaction phenomena. In the soil improvement segment, students will understand soil properties and enhancement techniques, including acceleration of consolidation through methods like PVD and preloading. In addition, soil improvement via grouting, dynamic compaction, reinforcement methods such as soil nailing and geotextiles will also learned. Through this course, students will gain insights into the dynamic behavior of soil and learn effective techniques to enhance its properties for various engineering applications.

Bahasa Indonesia



Urban Planning & Real Estate

Program Structure

City Planning

Students will be taught to recognize the scope of principles and foundations as well as professions in the field of regional and urban planning, which in their journey will be used as a basic understanding of various theories/concepts and the history of urban planning. Students will learn to carry out critical evaluations of

the practice and application of urban planning through theoretical understanding and implementation of urban planning in several general and specific cases in Indonesia, especially in Jakarta. Students will also look at the physical aspect but also the non-physical aspect (social community) and how both will influence city planning.

Real Estate Development 1

Students will acquire knowledge of the meaning, scope, principles, and characteristics of regional development. Thorugh this course students can understand the objectives of regional development and the role of the private sector in developing the built environment in both urban and rural areas. Additionally, students will recognize and comprehend the eight stages involved in real estate development. They will also understand the connection between economic factors and planning and design techniques in area development, based on real estate principles. Furthermore, students will learn about the operational mechanisms of various components involved in real estate activities, specifically in relation to site and improvement. Students will also acquire knowledge on the fundamental aspect of urban and regional development, specifically Housing Planning, which encompasses physical, economic, legal, and environmental considerations.

Real Estate Market Analysis

This course provides information and understanding on real estate market analysis, encompassing macro and microeconomic principles. This will enable students to gather, process, and analyze data, thereby gaining knowledge and comprehension of the overall real estate market especially in Jakarta as well as specific property types (residential, apartment, office, commercial, and industrial) in Indonesia.

Urban Housing

This course offers comprehensive insights into the development of housing in metropolitan locations with case studies in Indonesian cities, considering both physical factors such as location and site, as well as non-physical factors including economic, legal, social, and institutional aspects. Students are expected to comprehend the significance of housing as a fundamental foundation for the growth and progress of a city and its surrounding area.

Bahasa Indonesia





Design Concept & Mechanical Project 1

The Design Concept and Mechanical Project course is structured as a capstone project to produce mechanical system design concepts based on products and Indonesian market needs by applying entrepreneurial principles and innovative product design concepts and their development, which apply to the needs of the Indonesian market. Design concept develops students in understanding the theory and methodology of product design

and development, so that students can apply it in actual product design, including product development organization, product planning, needs identification, specifications, product concept, product architecture, industrial design, manufacturing process design, prototyping, product economic analysis, and product development project management. The concept produced in this course will be continued to the Machine Design Project IV (prototype) course.

Material Selection and Process

Material Selection and Process course is structured for students to understand. select, and analyze materials ready to be applied in assigned engineering cases. The concepts of stress, strain, torque, deflection, elasticity, fatigue, and stress concentration will be studied in various types of construction with static and dynamic loads, wind loads, and static analysis of uncertain frames. Material selection in terms of high temperature, strength, wear, toughness, fatigue, and corrosion on various local and renewable material, such as Indonesian natural fibers. as well as metal and non-metal materials, such as polymer and ceramic are also studied. At the end of the course, students will be able to choose the most suitable manufacturing process to be applied on based on the materials and specification needed.

Flexible Automation and Robotics

The Flexible Automation and Robotics course is structured so that students can understand and apply the philosophy and general views regarding production system automation and various configurations that are commonly used: work station automation, industrial automation supporting components, programmable logic controllers, PLC applications in industrial automation, basic concepts of industrial robots and their applications in industrial automation, project assignments, demonstrations and exercises carried out in the automation laboratory. In advance, the implementation of automation and robotics in the industry will be introduced to the students.

Environmental Engineering

Environmental Engineering course teaches the basics of environmental knowledge as an integral part of mechanical system, the interconnectedness of human and natural resources, the relationship between development and the environment, environmental impact analysis, and pollution control in the industry that complies with Indonesian law and regulations.

Bahasa Indonesia





Control Systems & Applications

The Control Systems & Applications course in the electrical engineering study program discusses the concepts, theories, and applications of control systems in various engineering fields. Through the introduction of basic control concepts, such as feedback loops, transfer functions, and frequency analysis, students will learn how to design control systems to regulate the behavior of dynamic systems. The course also introduces classical and

modern techniques in control design, including PID, state-space, and optimal control methods. Through case studies and projects, students are given the opportunity to apply control theory in various practical contexts, ranging from automatic control of robots to industrial control systems. Thus, this course prepares students to understand, design, and implement effective control systems in various electrical engineering applications.

Computer Architecture

The Computer Architecture course in electrical engineering is a study of the design, organization, and implementation of the main components in a computer system, which includes the central processing unit (CPU), memory, I/O system, and interconnection network. Students learn the basic principles of computer architecture, including an understanding of the internal structure of the CPU, such as registers, control units, and arithmetic/ logic units, as well as their operating principles. In addition, students will also learn about the structure and hierarchy of memory in a computer system, ranging from internal CPU registers to external secondary storage. By gaining a deep understanding of computer architecture, it results in developing skills in designing, analyzing, and repairing computer systems, as well as being able to keep up with the latest technological developments in the computer industry.

Microprocessor and Interface Techniques

The Microprocessor and Interface
Techniques course is one of the core
courses in the Electrical Engineering study
program that discusses the principles
and applications of microprocessors and
interface techniques in electronic systems.
In this course, students will learn the basics
of microprocessor architecture, ranging
from internal structure, instructions,
programming, to its practical applications
in control and communication systems.
Through theoretical lectures and
practicums, students will gain an indepth understanding of how to design,
implement, and test microprocessor-based

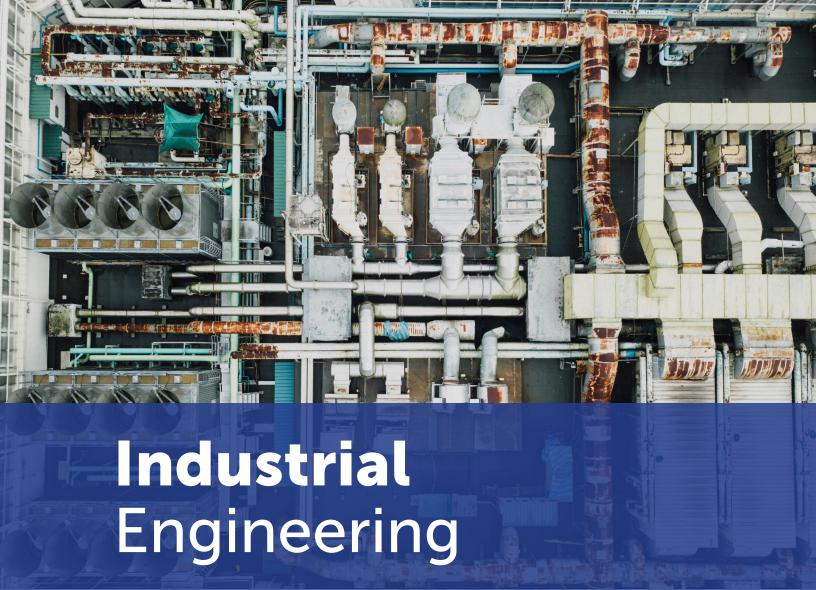
systems with various applications in the electronics industry, automatic control, and the Internet of Things (IoT).

Algorithmic Programming and Data Structures

The Algorithmic Programming and Data Structures course in the electrical engineering curriculum is an important foundation for students to understand the basic concepts of programming and algorithm development in the context of electronic technology. Through theoretical and practical approaches, students will learn various programming techniques, such as recursion, sorting, searching, and data manipulation. The skills acquired from this course are essential for electrical engineering students in carrying out their tasks in signal processing, system control, hardware development, and other fields that require a deep understanding of programming and data structures.

Bahasa Indonesia





Supply Chain Engineering

This course provides an in-depth understanding of supply chain management (SCM) theoretically and practically, which covers; Introduction to SCM; Supply Chain Strategy; Designing New Products or Services from an SCM Perspective; Supply Chain Network; Demand Management; Managing Inventory

in the Supply Chain; Procurement
Management; Transportation and
Distribution Management; Bullwhip
Effect; Lean Concept in Supply Chain
Management; SCM digitalization; Supply
Chain Management Performance
Measurement; and also Supply Chain
Sustainability.



Lean Six Sigma

This course studies and provides an in-depth understanding of the lean production concept approach, lean pillars, types of waste, lean tools & techniques in application in the manufacturing and service industries, lean organization case studies, six sigma concept, zero defect approach, six sigma tools & techniques, and methodology DMAIC in six sigma, six sigma case studies, readiness of an organization to implement LSS, and problem solving with the lean six sigma approach.

Maintenance Management

This course provides an in-depth understanding of maintenance management theoretically and practically, which covers; introduction to industrial maintenance systems, overall equipment effectiveness (OEE) measurement, reliability engineering concepts, seven big losses, determining critical parts or components, failure mode and effect analysis (FMEA), total productive maintenance (TPM), 5S in maintenance management, autonomous maintenance, planned maintenance, corrective maintenance, MTBF and MTTR analysis, one point lesson (OPL), effective equipment maintenance model using big data and AI, maintenance cost and budget, maintenance scorecard (MSC).

Occupational Health and Safety

This course studies comprehensively technical factors: work equipment, machines, safety equipment and protective equipment, fire hazards, electrical hazards and hazardous materials; non-technical factors: human; environmental factors: cleanliness, vibration, lighting, dust, health and work environment, management of work-related stress, prevention and control of work accidents, legal provisions for occupational health and safety, case studies in various industrial sectors in Indonesia.

Bahasa Indonesia



Educational Psychology Theory and Applications

In this course, learning activities are carried out to provide opportunities for students to understand concepts in Educational Psychology and apply these concepts in everyday life. The concepts discussed include effective teaching, socio-emotional development, education of children with

special needs, approaches to learning, and learning and cognition in certain learning areas. The application of theory allows students to understand local Indonesian culture-based education, for example, the Pancasila Student Profile, Religious Moderation, and Freedom to Learn.



Social Psychology Theory and Applications

The aim of the course is for students to have an understanding of social psychology theories/concepts, and the implementations in the practice of individual life in groups and individual life between groups. The theories and concepts discussed include the history of social psychology, gender, prosocial behavior, self, aggression and culture, and ethnic prejudice. The application of these concepts is discussed in the context of Indonesian society. Learning is carried out by applying a student-centered learning approach, including through assignment and case-study methods.

Industrial and Organizational Psychology Theory and Applications

This course discusses psychological concepts in industrial and organizational settings, both at the individual, group, and organizational levels. Apart from that, this course also discusses several simple interventions for each psychological problem that occurs at each level. Topics discussed include vision, mission and values in the organization, organizational commitment, workplace wellbeing, burnout, performance, and work engagement. The application of industrial and organizational psychology theory is discussed in the context of local Indonesian society, for example, the concept of AKHLAK which applies to BUMN (State Owned Enterprises), so that students have insight into industry and organizations in Indonesia.

Psychology of Arts and Creativity

This course aims to provide students with insight and understanding of the historical development of art and music, to allow them to distinguish the uniqueness of each era. Apart from that, students will learn to find the relationship between art and cognition, and students can apply the Art and Creativity Psychology in everyday life. In this course, students are asked to create works of art such as songs, poetry, dances, paintings, weaving, embroidery, photographs, and other works that enable students to understand typical Indonesian works of art.

Bahasa Indonesia





InformaticsEngineering

Program Structure

Artificial Intelligence (with Huawei Technology)

Mankind is welcoming the fourth industrial revolution represented by intelligent technology. New technologies such as Artificial Intelligence (AI), Internet of Things (IoT), 5G and bioengineering are integrated into all aspects of human society. As the world's leading provider of information and communication (ICT) infrastructure and smart terminals, Huawei actively

participates in the transformation of artificial intelligence and proposes Huawei's full-stack and full-scenario AI strategy. This course introduces AI overview, technical fields and application fields of AI, Huawei's AI development strategy, and future prospects of AI. This course follows Huawei's AI module and helps students prepare for the Huawei Certified ICT Associate (HCIA) – AI exam.

Technopreneurship (SMEs)

This course introduces the concepts and practices of technopreneurship, which is the process of creating and growing technology-based ventures. Students will learn how to identify opportunities, develop business models, validate customer needs, design products, and pitch to investors. The course will also cover how technopreneurs can help small and medium enterprises (SMEs) leverage technology to improve their operations, reach new markets, and innovate. Through case studies, guest lectures, and hands-on projects, students will gain insights and skills to become successful technopreneurs in various domains. Student will also have the opportunity to work with selected SMEs and potentially implement the final project product to their business.

Operation Research

This course introduces the principles and methods of operation research, which is the application of scientific techniques to the management and optimization of complex systems. Students will learn how to formulate, model, analyze, and solve various types of decision problems using mathematical tools such as linear programming, network analysis, simulation, and game theory. The course will also expose students to real-world applications and case studies of operation research in Indonesia, covering domains such as transportation, logistics, health care, and manufacturing. Students will have the opportunity to interact with guest lecturers and practitioners who are experts in their fields and gain insights into the challenges and opportunities of operation research in practice.

Data Mining & Remote Sensing

This course introduces the concepts and techniques of data mining, which is the process of discovering patterns and knowledge from large and complex data sets. Students will learn how to apply various data mining methods, such as classification, clustering, association rule mining, and anomaly detection, to solve real-world problems in different domains. The course will also focus on the use of satellite data for landscape studies, which is an important application of data mining for environmental monitoring, urban planning, disaster management, and natural resource management. Students will explore how to acquire, process, analyze, and visualize satellite data for landscape studies, using case studies from Indonesia and other regions. The course will also cover the latest techniques and research in data mining, such as deep learning, ensemble methods, and domain-driven data mining. Students will gain hands-on experience with data mining tools and platforms, such as Google Earth Engine, MATLAB, and R.

Bahasa Indonesia





Digital Enterpreneurship

Discover the dynamics of digital entrepreneurship within Indonesia's vibrant economy through our specialized course. Tailored to the unique opportunities and challenges of Indonesia's digital landscape, this program equips participants with the essential skills and insights needed to thrive in the country's rapidly evolving entrepreneurial ecosystem. Dive into topics such as market research, innovative business models, effective digital marketing strategies, and navigating local regulatory frameworks, all contextualized within the Indonesian market context.

Through a blend of theoretical learning and practical case studies featuring successful Indonesian startups and digital ventures, participants gain invaluable firsthand knowledge of what it takes to succeed in the local market. Engage with industry experts, collaborate with peers, and develop a robust entrepreneurial mindset poised for success in Indonesia's digital age. This course provides the essential tools and insights to thrive in Indonesia's dynamic digital entrepreneurship landscape.

Business Information Systems

Participants will learn how information technology intersects with the country's unique business landscape. Key topics include the fundamentals of information systems, enterprise solutions like ERP and CRM adapted to Indonesian markets, e-commerce strategies for Indonesian businesses, data management in local contexts, cybersecurity considerations specific to Indonesia, project management methodologies relevant to Indonesian projects, and the ethical implications of information systems in the Indonesian socio-economic environment. Through case studies and practical applications focused on Indonesian businesses, students develop skills to analyze local business requirements, design tailored systems, and implement solutions effectively. Ultimately, participants gain the expertise to leverage BIS to drive growth and innovation in Indonesia's dynamic economy.

Enterprise Resource Planning

Explore the intricacies of Enterprise Resource Planning (ERP) implementation within Indonesia's dynamic business environment through our specialized course. Delve into ERP fundamentals, from module functionalities to implementation strategies, designed to equip professionals and students with the essential skills for navigating ERP deployment successfully. What sets this course apart is its focus on real-world application, leveraging compelling case studies from prominent Indonesian enterprises across various industries. Analyze these cases to gain valuable insights into the challenges, successes, and best practices associated with ERP integration in manufacturing, retail, finance, telecommunications, and pharmaceutical sectors.

Computer and Society

Students will explore how computer technology intersects with Indonesian society, culture, and institutions. Key topics include the digital divide, ethical considerations, Indonesian legal and regulatory frameworks, cultural influences on technology adoption, the role of computer technology in driving innovation and economic growth, government policies for digital transformation, the impact of social media and online communities, and environmental sustainability concerns. Through this course, students gain a nuanced understanding of the complex relationship between computer technology and Indonesian society, empowering them to navigate the digital landscape thoughtfully and responsibly.

Bahasa Indonesia





Interior & Visual Communication Design

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Decorative Design

This course studies the philosophical values, function, and role of Indonesian ornaments as well application in interiors. The aim of this course is to produce decorative designs which has locality and contextuality values in its application to interior design work.

Furniture Design Export

This course explores the concept of furniture design for export to the target export market (global), which applied in chair design and/or table design (mass production/non mass production). The aim of this course is to provide students with the ability to produce prototype furniture design for export that has global competitiveness. The material used in this course is rattan material which is a specialty of Indonesian forests.

Illustration

This course studies the techniques and concepts in the process of creating illustrations and visual comic sequences using mixed media. Illustration course is a subject that provides student the skills needed to be able to produce visuals with drawing and painting techniques in application and in accordance with the context in communicating messages and impressions to the audience. In this course, students will also learn about ornaments and deformation techniques used in traditional Indonesian design and art.

Design in Society

"In this course, students will learn to solve real life problems through practical and proportional means. To achieve this, the course employs design thinking principles and utilizes various visual communication design medias, as well as other common design medias. Additionally, it adopts an interdisciplinary approach that considers economic, social, and cultural aspects.

This course serves as an introduction to design thinking as a practical problem-solving approach in visual communication design. The syllabus covers a range of topics, including an overview of design thinking and practices of visual communication design as well as common design. Furthermore, it offers an introduction into the history and study of design in Indonesia, as well as vernacular design practices within communities.

The design process in this course commences with field research based on the grounded theory, focusing on the urban community of Jakarta, especially West Jakarta. Beyond acquiring cognitive knowledge, students are expected to gain affective knowledge from the designmaking process, which serves as a form of small-scale community service in urban areas.

Bahasa Indonesia





Introduction to Communication Science

This course is based on the consideration that students in the field of communication need to be equipped with communication science knowledge in order to provide them the ability to act as great communicators that understand communication process well. At the beginning, students will be given the basic foundation of communication science and career prospects for graduates in the field of communication science. In this course, students will learn both soft skills and hard skills. The complex skill aspect is to prepare students to become reliable communicators. This is done by studying concepts and theories in public communication or public speaking.

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Furthermore, soft skills emphasize humanist attitudes, thinking and acting positively, professionally, and confidently in interactions. Thus, this course is designed to develop attitudes, behavior, and public speaking skills. The attitude aspect emphasizes an understanding of effective habits that students must have, including intelligence, mutual respect between men and women, integrity, professionalism, and a humanist attitude. Behavioral aspects are built through manners of behavior and interaction. The skill aspect is built through speaking skills in daily interactions and speaking in public.

Print & Online Media

This course will produce print and online media products, from planning to implementation and distribution. Planning in determining target readers, print and online media types, editorial, layout design, coverage implementation, editing/processing, printing, and distribution to target readers. With this course, students are expected to have experience/practice in producing print media or online media content so that students who will enter the professional world will own integrity and professional spirits in applying their abilities related to print and online media, especially in building entrepreneurship.

Movie and TV Broadcast Production

This course aims to provide students with knowledge and understanding of the technical aspects of television broadcast and film production. Through this lecture, students will gain knowledge, experience, and skills regarding producing complete video works for television programs and films. This lecture material will specifically provide a general overview of the types of television programs, the steps in producing television programs (information, drama & non-drama), and making films, both fiction (drama) and non-fiction (documentary), advertisements, video clips). After taking this course, students are expected to master the knowledge and skills related to TV and film broadcast production.

Social Media

"This elective course explains the current dynamics of social media in developing communication science from various perspectives, such as social, cultural, political, and economic. Apart from that, it is hoped that students can formulate social media content with the right strategies and concepts. This course provides students with aspects of soft skills and hard skills by emphasizing humanist attitudes, thinking, and acting positively, professionally, and confidently in interactions. The soft skills aspect appears in discussions about behavioral etiquette in professional environments and speaking in digital media. In this way, students can build a positive impression in direct interactions and interactions mediated by technology.

Meanwhile, the hard skills aspect is preparing students to become reliable communicators. This is done by studying concepts and theories in public communication or public speaking, individually and in groups. The provision of material is followed by direct practice, in order to prepare students to act as communicators in a communication process."

Bahasa Indonesia









Internal Control of Digital Accounting

Students will be taught to have competence in understanding internal control and its relationship with digital accounting; internal control principles for each business process; general business processes in information systems; expertise in evaluating information systems and

information technology-based internal controls in producing relevant and reliable company reporting systems; identify and communicate control risks and their consequences to make recommendations; and knowledge of the application of internal control in practice in today's business world.



Governance, Risk, and Compliance Management

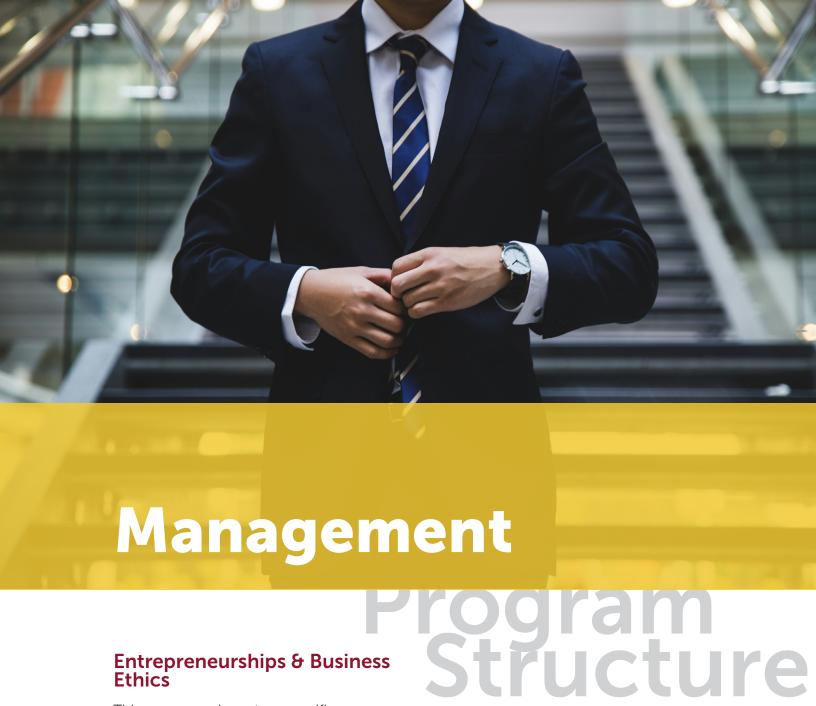
This course provides students the ability to understand the definitions and models of governance, risk management and compliance. Students are expected to be able to develop risk management process practices in the company and compliance management practices in the company by the end of this course

Taxation

This course was created so that students have the ability to analyze taxation in depth based on theory in in-depth discussions which include the theoretical basis, philosophy and in-depth tax analysis that must be carried out such as formal philosophical analysis, materials and government policy analysis. Teaching materials cover all tax laws that apply in Indonesia with in-depth analysis.

Bahasa Indonesia





Entrepreneurships & Business Ethics

This course explores two specific areas: Entrepreneurship Management and Business Ethics. The Entrepreneurship Management aspect seeks to equip students with a fundamental understanding of entrepreneurship, encompassing the identification of opportunities and the challenges inherent in being an entrepreneur. It also covers the essential academic knowledge of comprehensive company management, including market analysis, financial management, and human resource management. This course aims to equip participants with fundamental skills in innovation management within

an entrepreneurial setting characterized by uncertainty, limited information, and resources. Additionally, the course offers a simulated experience in managing a fictional company, encompassing the formulation of business concepts and the development of a comprehensive business plan. The Business Ethics aspect focuses on developing a fundamental understanding of ethics and its significance in addressing moral dilemmas in the business world. It emphasizes the practical application of ethical concepts in decision-making, beyond mere reasoning and technical

analytical skills. It also highlights the moral aspects involved in managerial decisions related to business problems, and emphasizes the importance of social responsibility and environmental sustainability as moral obligations for both society and business professionals.

New Ventures Creation & Legal Aspect

This course covers two specific areas:
New Ventures Creation and Legal Aspects.
The New Venture Creation component
will equip students with a pragmatic
comprehension of the process involved
in establishing a new firm. Students will
acquire fundamental ideas and concepts
of entrepreneurship, along with an
understanding of the essential role that
entrepreneurs play in the economy and
society.

Strategic Management & Human Resources

This course explores two specific areas: Strategic Management and Human Resources. The objective of the Strategic Management component is to enable students to comprehend the methods by which corporations acquire and sustain competitive advantages, evaluate business strategies, develop strategies, execute strategies, and structure organizations to attain strategic success. The Human Resources component provides fundamental knowledge and understanding of human resource management, including the functions and responsibilities involved in managing human resources to meet corporate goals. It also addresses the various concerns and challenges faced by the human resources department. Upon completion of this course, students will possess the ability to comprehend and evaluate the challenges

and dilemmas encountered in human resource management in a proficient, all-encompassing, and cohesive manner. This will enable the Human Resources department to effectively carry out company activities and achieve an ideal level of productivity.

Digital Business Models & Digital Business Regulations

This course explores two specific areas: Brand Management and Digital Marketing. The objective of Brand Management is to facilitate comprehension of the process and administrative challenges involved in brand development as an integral component of "total marketing activity", as well as the capacity of brand management to accomplish marketing objectives. Meanwhile, the Digital Marketing element offers insight into the utilization of digital tools or media to efficiently, accurately, and extensively reach target consumers. In addition, it can also enhance the effectiveness and efficiency of utilizing advertising money for business or commercial objectives.

Bahasa Indonesia





Politics of Laws

Politics of laws explores the intricate relationship between law and politics, examining how political ideologies, power dynamics, and societal values influence the creation, interpretation, and enforcement of laws. This field of study delves into various dimensions, including the role of institutions, interest groups, and political actors in shaping legal frameworks, the impact of judicial decisions on public policy, and the dynamics of legal reform

processes. Scholars in this domain analyze case studies and theoretical frameworks to understand how legal systems reflect and reinforce broader political structures and ideologies. Through critical inquiry and empirical analysis, researchers aim to unravel the complexities of the interplay between law and politics and its implications for governance, democracy, and social justice.



Investment Law

Investment Law is a specialized field of study within the realm of law that focuses on the legal framework that govern investments, both in Indonesian context and international scope. This subject encompasses a wide range of legal instruments, including treaties, regulations, and contracts, aimed at promoting and regulating investment activities. Scholars in this field examine various aspects such as investment protection, investorstate dispute settlement mechanisms, intellectual property rights, corporate governance, and environmental regulations affecting investments. Moreover, they explore the intersection of investment law with other areas such as trade law, human rights, and sustainable development.

Business Law

Business Law encompasses the legal principles and regulations that govern commercial activities and transactions. This field of study examines a broad range of legal topics relevant to businesses, including contracts, torts, intellectual property, employment law, corporate governance, bankruptcy, and antitrust regulations. Scholars in this field analyze how these legal frameworks impact various aspects of business operations, such as formation, financing, management, and dissolution of businesses. Additionally, they explore the relationship between business law and other areas of law, such as tax law, environmental law, and international trade law. Through theoretical analysis, case studies, and practical applications, researchers aim to understand the legal complexities facing businesses and to develop strategies for navigating legal challenges while ensuring compliance with applicable laws and regulations.

Dispute Settlement Law

Dispute Settlement Law is a specialized area within the legal domain that focuses on the resolution of disputes through legal mechanisms and procedures. This subject encompasses various methods of dispute resolution, including litigation, arbitration, mediation, and negotiation both in Indonesia and International contexts. This subject examines the legal frameworks, principles, and procedures governing dispute settlement processes, both domestically and internationally. They explore the advantages and disadvantages of different dispute resolution methods, analyze case law and treaties related to dispute settlement, and study the roles of courts, tribunals, and alternative dispute resolution bodies in resolving conflicts.

Bahasa Indonesia





Notarial Law

This course provides students with an understanding of office administration, books for notaries and land deed officials (PPAT), land reform, working relations with the National Land Agency, regulations of the Indonesian Notary Association, auction regulations, and so forth.



Legal Research Method and Proposal Drafting

ILegal Research Method and Proposal Drafting equips students with the essential skills and techniques necessary to conduct rigorous legal research and formulate effective research proposals. This subject covers various research methodologies, providing students with the tools to critically evaluate existing literature, gather relevant data, and analyze legal issues. Moreover, students learn how to draft comprehensive research proposals that outline the research question, objectives, methodology, theoretical framework, and potential contributions to the field. Through practical exercises and guidance, scholars develop proficiency in designing and executing high-quality research projects in the legal domain.

Deed Drafting Technique 1

This course provides students with an understanding of notarial deed anatomy, reference and comparison of notarial deeds, drafting premises and concluding parts of deeds, distinguishing between Party Deeds and Relaas Deeds, authentic deeds, deeds executed under private signature, and so forth.

Bahasa Indonesia



Project Planning, Scheduling and Controlling

Besides equipping students with foundational principles and theories of project planning scheduling and control, skills on applying technologies are also provided in this course. The implementations of the study is not only with focus on the new construction

projects, but also on ongoing projects by emphasizing on the optimization methods. Through rigorous practices and analyses, scholars are expected to develop comprehensive skills in planning and controlling their projects optimally.

UNTAR

Construction Cost Estimation and Control

The course provides students with the essential skills and techniques necessary to conduct rigorous cost estimation and control in construction projects. By examining the projects thoroughly, this subject also covers the implementations of those various cost estimation methods and control techniques in comprehensive ways. In doing so, the technological application will be explained in the course. Through practical exercises and guidance, scholars are expected to develop proficiency in designing and executing the appropriate methods and techniques in their real working life experience.

Joint Research

Joint Research refines students' skills in crafting scholarly researches in the field of Construction Management. This subject covers various aspects of construction engineering, construction management, construction administration, and construction technologies. The researches emphasize on either analyzing, synthesizing, evaluating, or creating insights that found in the projects in Indonesia. Through guided instruction and hands-on practice, scholars develop the proficiency to produce well-researched, logically structured, and intellectually rigorous dissertations that contribute to the advancement of construction field.

International Conference

As one of the requirements to disseminate the research results, the international conference plays a crucial role in shaping careers and expanding horizons. It provides a platform for networking and learning from global experts and also foster personal growth and professional recognition.

Bahasa Indonesia





Program Structure

Architect`s Professional Ethics

This course provides an initial understanding to students from different educational backgrounds about the Professional Ethics of Architects, providing points of view in seeing its application in society.

With case studies on conflicts of violations of architectural professional ethics in society, students will learn what, why, and how to find the right solutions to problems.

Studio and Design Method 1

The Design Studio is designed so that students can understand and provide innovative and creative entrepreneurial ideas to Architectural and Building design, with an emphasis on architectural research regarding space, activities, and conflicts of designs that against the health, safety, and welfare regulations. The design method is an architect's thought and tool to develop his architectural design. Therefore, students will learn to use the design method as the basis of their architectural knowledge, which then will be linked to the design studio course.

Thesis Proposal

This course is intended to prepare students to be able to demonstrate a systematic understanding of key aspects of architecture research and other researches within the discipline of interior design, urban and planning studies. Here students will learn to prepare a comprehensive proposal both written and oral to prepare them in planning their Master's thesis.

Bahasa Indonesia





Urban Planning & Real Estate

Program Structure

Urbanism 1

This course equips students with an understanding of: the concepts and terminologies of urban structure and morphology; the dynamics of urban development (with special reference to the city of Jakarta); and factors, actors, and policies involved in the urban development dynamics.

At the end of the course students will be requested to identify urban development processes in a structured and comprehensive way.

Property Market Analysis

This course equips students with an understanding of: economic approaches in property market analysis; and the process and methodology of property market analysis.

Furthermore, students are also requested to understand and be able to apply various analytical tools used in property market analysis; and be able to conduct market analysis for various property products (residential, offices, hotels, shopping centers) in Indonesia. At the end of the course students are requested to conduct analysis of property investment choices in a global context.

Social Research Methods and Colloquium

This course integrates understandings from earlier courses, by selecting a topic for their thesis and develop a detailed proposal to support it. To be able to propose a sound research topic and conduct a thorough field research, students will be equipped with an understanding of quantitative (or positivistic) and qualitative (or constructivist) research approaches and methods. This course allows students to propose an individual or collaborative proposal/thesis.

Bahasa Indonesia





Psychology Science

Applied Psychological Theories in Educational Settings

In this course, students will learn the definition of theory and expected to be able to explain phenomena related to education with one of the theories that have been studied. Then, students will be taught to apply theories regarding motivation and self-regulated learning, in the context of educational problems in Indonesia. Students will write educational papers that analyze problems in everyday life in educational settings. Topics studied are: (a) Piaget and Neo-Piagetian Stage of Cognitive Development Theories; (b) Freud and Erickson's Psychoanalytic Theories; (c) Vygotsky and Socio-cultural Approaches; (d) Social Learning Theory;

rogram Structure

Information Processing Theory; (e) other Ethology and Evolutionary Theories; (f) Gibson's Ecological Theory of perceptual development; (g) Contemporary Mini Theories and emerging approaches; (h) others topics are about language shape thinking; (i) exercise of personal and collective efficacy in changing societies; (j) impact of family processes on control beliefs; (k) self-efficacy and educational development; (l) motivation and self-regulation, self-theories motivate self-regulated learning, self-regulation of achievement goal pursuit, interest and

self-regulation; (m) motivational role of self-efficacy beliefs in self-regulated learning; (n) promoting self-regulated learning, a motivational analysis; (o) Self-Determination Theory perspective; (p) the motivational roles of cultural differences and cultural identity in self-regulated learning.

Publication & Community Engagement

The objectives of this course: (a) students are able to write down the results of their research and publish their scientific work at least in national journals, preferably accredited national scientific journals; and (b) students are able to plan, implement, and evaluate community service programs based on research or scientific work they have made. This course will also discuss materials regarding (a) an overview of publication and community service policies in Indonesia; (b) concepts related to scientific publications, such as Scimago Journal Rank, H-Index, and Scopus; (c) methods in planning, implementing, and evaluating scientific publications; (d) concepts related to community service; (e) methods in planning, implementing, evaluating, and writing community service reports. With this course, students are expected to have adequate knowledge and understanding of (a) Humans as individuals and part of the system; (b) concepts, constructs, methods, theories, and practices of psychology related to functions and changes in human behavior throughout life from biological, psychological, social and spiritual perspectives; and (c) both general and specific.

Applied Positive Psychology

By following this course, students are expected to be able to understand cases experienced by individuals based on the positive psychology concept approach; able to implement virtues/values in certain domains of life (family, education, industry/ organization, social/clinical). Furthermore, by following this course, students learn to improve their skills in psychological assessment and intervention. In the psychological assessment stage, students are able to identify, describe, and test the social function, occupational function, or other functions of individuals, based on their influence or strength function. In the psychological intervention stage, students are expected to be able to know various ways or methods/strategies to develop or improve positive psychological aspects of individuals, so that individuals can try to create their own balance that optimizes social functions, job functions, or other functions.

Bahasa Indonesia









Program Structure

Philosophy of Laws

Philosophy of Laws delves into the foundational principles and theories that underpin legal systems and concepts. It explores questions about the nature of law, justice, rights, and authority from a philosophical perspective. Scholars in this field critically analyze the moral and ethical

dimensions of law, examining theories such as natural law, legal positivism, legal realism, and critical legal studies. Through rigorous inquiry and debate, researchers seek to deepen our understanding of the philosophical foundations of law and its implications for society, governance, and individual rights.



Legal Research Method and Proposal Drafting

Legal Research Method and Proposal Drafting equips students with the essential skills and techniques necessary to conduct rigorous legal research and formulate effective research proposals. This subject covers various research methodologies, providing students with the tools to critically evaluate existing literature, gather relevant data, and analyze legal issues. Moreover, students will learn how to draft comprehensive research proposals that outline the research questions, objectives, methodology, theoretical framework, and potential contributions to the field of study. Through practical exercises and guidance, scholars develop proficiency in designing and executing high-quality research projects in the legal domain.

Dissertation Writing Technique

Dissertation Writing Technique refines students' skills in crafting scholarly dissertations in the field of law. This subject covers various aspects of the dissertation writing process, including structuring the dissertation, formulating clear research questions, conducting comprehensive literature reviews, analyzing data (if applicable), and synthesizing findings to produce original insights. Students will also

learn effective techniques for organizing and presenting their arguments cohesively, adhering to academic conventions, and engaging with relevant legal scholarship. Additionally, emphasis is placed on critical thinking, clarity of expression, and adherence to academic integrity standards. Through guided instruction and hands-on practice, scholars develop the proficiency to produce well-researched, logically structured, and intellectually rigorous dissertations that contribute to the advancement of legal scholarship.

Bahasa Indonesia





Doctor of Civil Engineering

Program Structure

Numerical Analysis

Students will explore iterative techniques that generate successive approximations converging towards exact solutions. Emphasis is placed on utilizing convergence tests to determine solution accuracy and employing precision arithmetic to control convergence. Examples include Newton's method, bisection method, and Jacobi iteration. In computational matrix algebra, iterative

approaches are essential for large-scale problems. Notable methods like GMRES and the companion gradient method are covered, addressing challenges of extensive computation steps for exact solutions. Through this course, students will master essential iterative algorithms vital for tackling complex numerical problems efficiently.



Collaps Analysis in Construction

Through this course, students will explore the intricate factors influencing design decisions, including product features and material properties. Dive into the nuances of plastic product design and variations, alongside an in-depth understanding of material formation and its implications on design. Learn techniques for cost estimation and utilize Finite Element Method (FEM) for plasticity analysis. Delve into advanced topics such as pushover analysis, bending of plastic, and damage models for concrete structures. Additionally, gain insights into the design of structural cladding systems and conduct plastic analysis of beams and frames. By the end of this course, students will be equipped with the knowledge and skills to tackle complex design challenges and conduct comprehensive structural analyses in various engineering contexts.

Dissertation Preparation Techniques

Dissertation Writing Techniques hone students' skills in writing scientific dissertations in the field of civil engineering. This course covers various aspects of the dissertation writing process, including structuring the dissertation, establishing a clear research question, conducting a comprehensive literature review, analyzing

data (if any), and synthesizing findings to produce original insights. Students also learn effective techniques for organizing and presenting their arguments cohesively, adhering to academic conventions, and engaging with relevant civil engineering science. Additionally, emphasis is placed on critical thinking, clarity of expression, and adherence to academic integrity standards. Through guided instruction and hands-on practice, scholars develop the skills to produce well-researched, logistically structured, and intellectually rigorous dissertations that contribute to the advancement of civil engineering scholarship.

Bahasa Indonesia



Program Structure

Philosophy of Management Science

Lectures are conducted with a strong emphasis on acquiring a comprehensive and in-depth understanding of new and broad concepts regarding the theory of management philosophy. The scope of face-to-face lecture discussions encompasses: Philosophy within the aspects of ontology, epistemology, and axiology; the evolution of management

philosophy during the Scientific
Management Era, The Social Person Era,
and the Philosophy of Management (Social
Industrial Background, Fundamentals of
Management and Social Responsibility,
Organization Factory and Labor
Management, and Product Management
and Training in Industrial

Research Methodology

This course is designed to provide knowledge, understanding, and practice in conducting comprehensive research, both quantitative research and qualitative research. The course focuses more on research methods related to business and its derivatives.

Entrepreneurship Strategy

This course is designed to expand and deepen critical understanding of theories and research skills in the field of Strategic Entrepreneurship.

Digital Marketing Strategy

This course covers various digital marketing strategies, including Search Engine Optimization, Pay per Click, Digital Display Advertising, Email Marketing, Social Media Marketing, and Mobile Marketing.

Bahasa Indonesia





More Information







As one of the busiest metropolitan city in the world, Jakarta is the center of economics, politics, social, and cultural activities in Indonesia.

Full with activities, Jakarta is divided into five main districts – and one of them is West Jakarta. Known as one of mid-class business and entertainment area in the Capital City, Grogol-Petamburan area in West Jakarta offers various experience of culinary, housings, even modern shopping center.

Located in a very strategic area in West Jakarta makes Untar as one of the most favorite campuses as it is highly accessible to students living in Jakarta satellite cities. Various options of public transportation are available around campus as a part of integrated city system.





Facilities











Affiliated Accomodations

For Untar students coming from outside of Jakarta, West Jakarta region offers plenty practical and economical accomodations, in a safe and clean environment. One of the options for students is Indekos/Off-Campus Dormitories. Different type of rooms are offered in different rates. Indekos are spread around Tawakal, Tomang, Tanjung Duren, and Grogol areas. You'll only need to walk 5-10 minutes to reach Campus.

Here's some reccomendations for you.



Mediterania 1 Tanjung Duren

Type : 1 BR Apartment - Furnished Address : Jl. Tanjung Duren Raya,

West Jakarta

Private Facilities

Bed Dining Table TV
Air Conditioner Bathroom Desk

Sofa

Public Facilities

Swimming Pool Basketball Court Gym

Laundry Mini Mart Jogging Track

24hr Security Cafe

Price start from IDR 5.000k (USD 320) /month



Grand Tropic

Type : 2 BR Apartment - Furnished

Address: Jl. Letjen S. Parman 03,

West Jakarta

Private Facilities

Bed Dining Table TV
Air Conditioner Bathroom Desk

Sofa

Public Facilities

Swimming Pool Basketball Court Gym Laundry Supermarket Cafe

24hr Security

Price start from IDR 6.300k (USD 404) /month







Cove The Peak Garden

Type : 1 Room Serviced Accomodation Address : Jl. Tanjung Duren Utara III 220,

West Jakarta

Private Facilities

Single Bed Wardrobe Water Heater

Air Conditioner Bathroom Desk

Public Facilities

Kitchen Dining Room Communal Area Rooftop Area Water Dispenser 24hr Security

Price start from IDR 2.400k (USD 154) /month



Kost Raffles TDU VII

Type : 1 Room Serviced Accomodation Address : Jl. Tanjung Duren Utara VII A 420,

West Jakarta

Private Facilities

Single Bed Wardrobe Water Heater

Air Conditioner Bathroom Desk

Public Facilities

Kitchen Dining Room Communal Area Laundry Fridge 24hr Security

Price start from IDR 1.800k (USD 115) /month

Rukita Seroja Tawakal

Type : 1 Room Serviced Accomodation

Address : Jl. Tawakal VI 01,

West Jakarta

Private Facilities

Single Bed Wardrobe Water Heater

Air Conditioner Bathroom Desk

Public Facilities

Kitchen Wi-Fi Communal Area Laundry Fridge 24hr Security

Price start from IDR 2.300k (USD 147) /month



Kost Abe Grogol

Type : 1 Room Serviced Accomodation

Address : Jl. Dr. Muwardi II E 16,

West Jakarta

Private Facilities

Single Bed Wardrobe Water Heater

Air Conditioner Bathroom Desk

Public Facilities

Kitchen Dining Room Communal Area Laundry Fridge 24hr Security

Price start from IDR 1.700k (USD 109) /month



Let's Colaborate with Us

Join us in a transformative journey of cultural exchange and academic enrichment! We invite you to be part of our international student exchange program, where students from diverse backgrounds come together to learn, grow, and create lifelong connections. Let's work hand in hand to broaden our horizons, embrace new perspectives, and build bridges across cultures. Together, we can make this exchange experience truly unforgettable. Are you ready to embark on this exciting adventure

Contact Us!

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Mr. Didi Widya Utama, S.T., M.T., Ph.D. International Student Exchange Affairs

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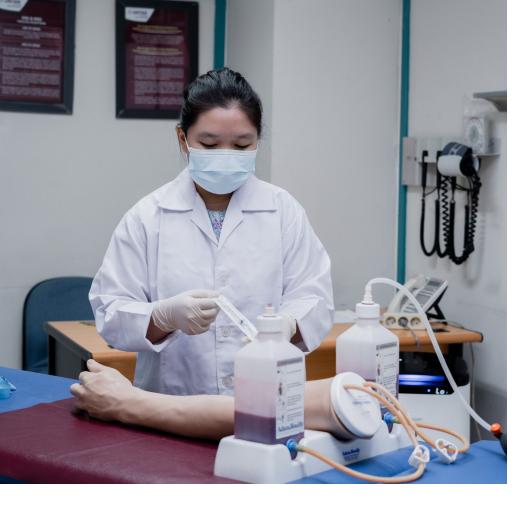
Mrs. Paula T. Anggarina, M.M. Head of Public Relations Office





What Student Should Prepare?

- Passport Photo (with red background)
- Student ID Card
- ✓ Passport (cover and identity page)
- ✓ Financial Statement
- Medical Statement
- ✓ Latest Graduation Certificate
- Certificate of Birth
- Statement Letter







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