

PROSPECTUS



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SCHOOL OF
ARCHITECTURE,
PLANNING, AND
POLICY DEVELOPMENT
2024





PROSPECTUS

School of Architecture, Planning, and Policy Development

Institut Teknologi Bandung

2024



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School of Architecture, Planning, and Policy Development, Institut Teknologi Bandung (ITB) Gedung Labtek IXA Sugijanto Soegijoko Jl. Ganesha 10 Bandung 40132

Telephone : (022) 250 46 25
Faximile : (022) 250 00 46
Website : www.sappk.itb.ac.id
E-mail : dean_sappk@itb.ac.id



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Message From The Dean



SAPPD-ITB



It is with great enthusiasm that I welcome you to the our school prospectus 2024, a testament to our ongoing dedication to educational excellence and innovation. As the Dean of School of Architecture, Planning and Policy Development at Bandung Institute of Technology, I am proud to present to you a glimpse into the dynamic and forward-thinking environment that we have cultivated here—a place where tradition meets modernity, and where local wisdom harmonizes with global perspectives.

In today's interconnected world, the ability to navigate diverse cultures and international landscapes is more crucial than ever. At School of Architecture, Planning and Policy Development, we place a strong emphasis on internationalization, recognizing that a global outlook is essential for our students to thrive in their future careers. However, we do so with a deep respect for our local context, ensuring that our approach to education remains grounded in the values and strengths of our community. By blending global best practices with an appreciation for local traditions, we offer a unique educational experience that prepares our students to be both globally minded and locally responsible.

This year, we are excited to introduce a new curriculum that reflects the evolving needs of our students and the demands of the modern world. Our new curriculum is designed to equip students with the skills and knowledge necessary to excel in an increasingly complex and competitive world. By integrating cutting-edge theories with practical applications, we aim to cultivate critical thinking, creativity, and problem-solving abilities among our students, preparing them for success in a wide range of fields. It is designed to be both innovative, adaptive, and comprehensive, incorporating the latest advancements in technology, research, and pedagogy. It is our goal to equip our students with not only the knowledge they need to succeed but also the critical thinking and problem-solving skills that will enable them to adapt and excel in any environment.

Diversification of programs is another key element of our strategic vision. We are proud to offer a wide array of programs tailored to meet the diverse interests and career aspirations of our students. We understand that each student has unique aspirations and talents. That's why we offer a wide range of programs across various disciplines, providing our students with the flexibility to pursue their passions and tailor their educational journey to their individual goals. Our interdisciplinary approach encourages exploration and collaboration, fostering a rich learning environment where diverse ideas and perspectives come together.

Research is at the core of our academic mission. We are supported by nine distinct research clusters that serve as the foundation for our scholarly activities. These clusters focus on a range of areas in the field of Architecture, Planning and Policy Development, each contributing to the advancement of knowledge and the development of solutions to real-world challenges. By fostering interdisciplinary collaboration and encouraging innovative thinking, our research clusters provide students and faculty with the opportunity to engage in meaningful, impactful research that has the potential to change lives and communities. We believe that by nurturing a robust research culture, we can make significant contributions to both local and global knowledge.

Thank you for considering School of Architecture, Planning and Policy Development as your educational partner. We look forward to welcoming you to our vibrant and diverse community, where together, we can shape a brighter future.

Bandung, September 2024 Warm regards,

Prof. Sri Maryati Dean



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INSTITUT TEKNOLOGI BANDUNG

(ITB) main campus is the site of earlier engineering schools in Indonesia. Starting in 1920, Technische Hogeschool (TH) was founded in Bandung, which for a short time, in the middle forties, became Kogyo Daigaku. Soon after the birth of the Republic of Indonesia in 1945, the campus Arts Department) of Universitas Indonesia, fifties, the Faculty of Mathematics and Natural and the quality control for the attainment Sciences, also part of Universitas Indonesia, was established on the campus. Although these institutions of higher learning had their own individual characteristics and missions, to the establishment of the present ITB. Officially ITB was inaugurated by the first president Sukarno on March 2, 1959 as an institution of higher learning of science, of education, research, and service to the community.

he present Institut Teknologi Bandung Until 2000 ITB was a state university, and then became a quasi-autonomous university from 2000-2010. Government Decree No.155/2000 pertaining to the Decision on ITB as Legal Enterprise (Badan Hukum) has opened a new path for ITB to become autonomous. The status of autonomy implies a freedom for the institution to manage its housed the Technical Faculty (including a Fine own business in an effective and efficient way, and to be fully responsible for the planning and implementation of all program and activity, of its institutional objective. The institution has also a freedom in deciding its measures and taking calculated risks in facing tight competition and intense pressures.

> From 2009-2010 ITB with the other six universities (Higher Education of State-owned Legal Entity-BHMN) turned into a Legal Body of Education (BHP). Following this, the socalled State University by Law (PTN BH) was respectively established, as enacted in the new Higher Education Law 12/2012. However, such dramatic institutional changes must still address several important issues, e.g. quality and development of higher education, widening access and equity, respecting diversity, enhancing autonomous and accountability that has become an essential part of today's university. Although the status has become the State University by Law, the issues on accountability and autonomy are still becoming the challenging issues, and play absolutely an important role in the future of higher education institutions.

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University is a house of learning, an agent of change and progress, an agent of social control,

a producer of leaders...





The School of Architecture, Planning and Policy Development



he School was established on 29 August 2005 by a decree from Rector of ITB (No. 222/2005) which intends to re-organize academic units of ITB, adding the total numbers of faculty / school from 7 (seven) to 11 (eleven). However, the constituents of the school are not new, as it draws all academic programs and resources from 2 (two) existing departments namely: Architecture, established in 1950 and Urban and Regional Planning, established in 1959 previously under the Faculty of Civil Engineering and Planning, and 2 (two) existing academic programs (namely: Development Studies and Transportation) previously under the Faculty of Industrial Engineering. The newly established school began to

operate as an academic implementation unit responsible for education, research, and community service activities starting from 1 January 2006, administering 11 academic programs ranging from undergraduate to doctoral program, 8 researcj goups, 82 faculty members, 44 supporting staffs, and around 1410 students. Currently there were 12 academic programs ranging from undergraduate to doctoral program, 9 research groups, 112 faculty members, 40 supporting staffs, and 1527 undergraduate and graduate students (Jun 2022)

The School of Architecture, Planning and Policy Development (SAPPD) encompasses seven main professional disciplines: architecture, urban and regional planning, urban design, transportation, development studies, tourism planning and landscape architecture. It aims to produce professionals in the sustainable built environment who are skilled in investigation, analysis, problem solving and communication, and are motivated to contribute significantly to the professional and community life.

As part of ITB's Multi-Campus, some of SAPPD academic programs are located at Jatinangor Campus and Cirebon Campus, namely: Master Program of Landscape Architecture in Jatinangor Campus and the Cirebon Class of Urban and Regional Planning Undergraduate program. In the near future, an executive program will be opened at the Jakarta Campus







Profile

VISION

Beyond Boundaries: To be an inclusive, adaptive, and flexible institution in solving the nation's problems and achieving an international reputation.

MISS ION

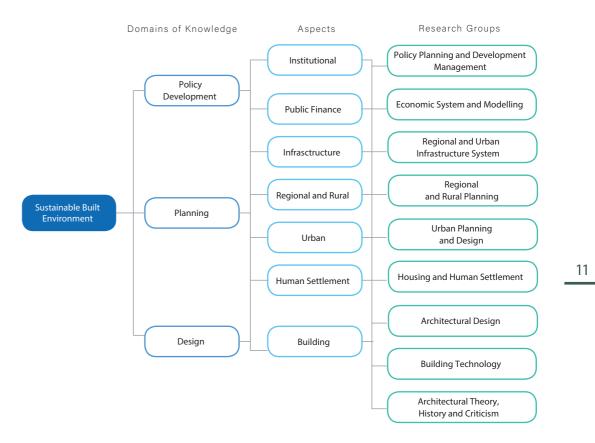
Creating, sharing, and applying knowledge in the field of design, planning and policy development of the built environment, as well as producing superior human resources in these fields to make Indonesia and the world a better place

OBJECTIVE

- Realizing SAPPD as an institution that contributes to solving the nation's
 problems and achieving an international reputation in the implementation of
 education, research, and community service in the field of design, planning and
 policy development of the built environment
- 2. Increasing collaboration internally and externally in producing works that contribute to solving the nation's problems and achieving an international reputation.
- 3. Developing a good governance system by utilizing technology and information systems.

Advances in scientific knowledge is

systematically integrated into roadmaps of 9 research groups, comprising domains of policy development, planning and design of sustainable built environment, addressing institutional, infrastructure and spatial aspects at regional, rural, urban, human settlement and building scales.



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ACADEMIC PROGRAM







Welcoming New Postgraduate Students of SAPPK Academic Years 2024/2025

Academic Program

School of Architecture, Planning and Policy Development offers a number of undergraduate and postgraduate degree programs relevant to the creation of new knowledge as well as to the national development challenges and demands of the society. The academic programs include:

Architecture

Undergraduate Master Doctoral

Urban & Regional Planning

Undergraduate Master Doctoral

Urban Design

Master

Non-reguler Program

Professional Training Professional Education International Virtual Course - Summer Camp

Transportation

Master Doctoral

Development Studies

Master

Tourism Planning

Master

Landscape Architecture

Master

International Accreditation

ACADEMIC PROGAM	ACCREDITED BY
Architecture (Undergraduate, Master)	International Accredited by KAAB
	Kerta Auchtectural Approaching Board
Urban and Regional Planning (Undergraduate)	International Accredited by ASIIN*
	ASIIN

Several study programs in SAPPD have been internationally accredited by two different institutions. Architecture program, particularly for undergraduate program and master graduate program (design stream), obtained an international accreditation from KAAB (Korea Architectural Accrediting Board), in 2016.

The urban and regional planning undergraduate program has been accredited by ASIIN since 2019. The curriculum and education program in SAPPD has met internationally acknowledged standards

National Accreditation

ACADEMIC PROGAM	UNDERGRADUATE	MASTER	DOCTORAL
Architecture	Unggul, KAAB	Unggul, KAAB	Unggul
Urban and Regional Planning	Unggul, ASIIN	Unggul	Unggul
Urban Design		Unggul	
Transportation		Unggul	Unggul
Development Studies		Unggul	
Tourism Planning		Unggul	
Landscape Architecture		Sangat Baik	

All study programs at SAPPD are nationally accredited by BANPT, except for the Doctoral and Master's Programs in Transportation Planning which are accredited by LAM Teknik. The accreditation level for all study programs is Excellent (Unggul), and one program is very good (Sangat Baik).

This shows that the quality of education and curriculum of all study programs at SAPPD ITB from undergraduate (S1) until Doctoral Program (S3) is good nationally.

ARCHITECTURE

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ARCHITECTURE

rchitecture as a built environment is developed for human needs as dictated by a cultured living. The fulfillment of physical and spiritual needs is then interpreted into space and form by the architect. Through spatial design and form, the architect tries to create positive influence on the environment and people. In that sense architecture can be viewed as an adaptive optimization of various normative values and external factors, which continuously seek balance and final form. It is a process that requires creative, imaginative and innovative research and design, based on rational and empirical knowledge.

The architectural program at ITB was established in October 25th, 1950. It envisions itself as a regional/southeast-asian hub for learning of tropical architecture and sustainable built environment on developing countries. The educational program is focused on the development of capacity to comprehend a wide range of issues required to answer the challenges that lie ahead in the field of architecture. Broad-based curriculum is introduced to catch up with the science of architecture that grows and develops in tandem with changes of human civilization and culture, science and technology, art and design.

The curriculum for undergraduate and graduate degree programs are developed as an integrated structure, taking into consideration the following aspects:

The development of professions in the field of architecture. The development of architecture as a scientific discipline.

The philosophic underpinning of curriculum are: Life-long Learning, Knowledge-based Learning, Student Centered Learning.

Graduates of the program are expected to be professional, practicing architects and/ or development practitioners who have wide knowledge in architectural design and built environment issues. Their levels of competence are stratified according to the degree awarded:

- Sarjana or Undergraduate Degree Program: Basic Knowledge and Competence
- Magister or Master Degree Program: Professional Knowledge and Competence
- Doktor or PhD Degree Program: Knowledge Development and Dissemination through Scientific Publication

Undergraduate Program

: August

Commencement semester

Duration : 8 semesters full-time,

including 2 semesters of Common First Year Program

Credit units : 144 minimum

Admission requirements : Invitation and written test; national university entrance

examination

Degree granted : Sarjana Arsitektur (S.Ars)

(equivalent to Bachelor of Architecture Degree in USA)

PROGRAM OUTLINE

The architectural students are provided with basic knowledge and skills that prepare them to enter proffesional practices in the field of design, production and management of the built environment and/or to pursue advanced architectural training and education.

The emphasis of undergraduate curriculum is on design of buildings, involving studies on aesthetic principles, building technology, history and theory, housing and human settlement. Architecture design studios as the core of undergraduate curriculum serve as laboratories for the exploration of analytical and creative reasoning, the critique of design solutions, and most importantly, the integration of different knowledge streams.

In January 2016, the architectural program SAPPD ITB obtained international accreditation from the KAAB (Korea Architectural Accreditation Board) valid until 2025. The professional degree in architecture program consists of four years of undergraduate program and one year (two semesters) of the graduate /master program. At ITB the professional degree is integrated with the master program.

Starting in 2024, the Architectural Professional Program (PPAr) and the Engineer Professional Program in the field of Architecture (PPI - Arsitektur) have been inaugurated.

ADDRESS

Institut Teknologi Bandung Gedung Laboratorium Teknik (Labtek) IX-B Jl. Ganesa 10, Bandung 40132, Indonesia (+6222) 2504962 (p) (+6222) 2530705 (f) www.sappk.itb.ac.id/architecture/ (w) www.ar.itb.ac.id (w) www.sps.itb.ac.id (w) prodi s1 ar@itb.ac.id (e)

CAREER OPPORTUNITIES

Students with a Sarjana Arsitektur Degree may opt for careers in professional practices as architect's assistant or other careers related to building design, construction, management and policy in government offices. developers, contractors, non-government organizations or freelance practitioners. Recent graduates are working in the Indonesia and abroad.

PROFESSIONAL MEMBERSHIPS

Graduate of this degree may be eligible for membership, and after fulfillment of certain requirements, also registration with Indonesian Institute of Architects (Ikatan Arsitek Indonesia)

CURRICULUM

To maintain its standard of quality and compatibility at national as well as international levels, the undergraduate curriculum is designed with reference to levels of competence set up by:

- Union Internationale des Architectes (UIA) / UNESCO Charter for Architectural Education (April 1996)
- Korea Architectural Accrediting Board (KAAB)

The undergraduate curriculum provides students with the opportunity to earn up to 20 credit units through the Merdeka Belajar-Kampus Merdeka (MBKM) program. This initiative allows students to explore academic and practical experiences beyond the standard course offerings. Through the MBKM program, students can acquire these credits by participating in diverse activities such as student exchanges, internships, teaching and research assistantships, community development projects, entrepreneurship, and independent studies.





ARCHITECTURE



SAPPD-ITB

Master Program

Commencement semester : August

Duration : 4 semesters full-time

Credit units : 54 minimum

Admission requirements

Bachelor degree in Architecture and other related fields,
Academic Potential Test, English Proficiency Test, Interview.

Additional portfolio of previous design works will be

appreciated.

Degree granted : Magister Arsitektur (M.Ars)

(equivalent to Master of Architecture Degree)

PROGRAM OUTLINE

The Master Program in Architecture provides students with the opportunity to develop advanced knowledge and skills for professional practice in the public as well as private sectors and in academic domains. It allows students the opportunity for in-depth study in the fields of architectural design and research. In January 2016, SAPPD ITB obtained international accreditation from the KAAB (Korea Architectural Accreditation Board). The professional degree is integrated with the master program (Architectural Design).

CAREER OPPORTUNITIES

Graduates of this program are employed in a wide range of consultat offices, government and non-government organizations, as practitioners, managers, researchers and policy makers. Some graduates use this qualification as a basis for entering private practice.

PROFESSIONAL MEMBERSHIPS

Graduate of this degree may be eligible for membership, and after fulfillment of certain requirements, also registration with Indonesian Architects Association (Ikatan Arsitek Indonesia).

CURRICULUM

The curriculum for master degree program is differentiated into 2 (two) major fields of study:

- · Architectural Design
- Architectural Research

ADDRESS
Institut Teknologi Bandung
Gedung Laboratorium Teknik (Labtek) IX-B
Jl. Ganesa 10, Bandung 40132, Indonesia
(+6222) 2504962 (p)
(+6222) 2530705 (f)
www.sappk.itb.ac.id/architecture/ (w)
www.ar.itb.ac.id (w)
www.sps.itb.ac.id (w)
prodi_s2_ar@itb.ac.id (e)

Doctoral Program

Commencement semester : August, January
Duration : 3-4 years full-time
Credit units : 68 minimum

Admission requirements : Master degree in Architecture and other related fields,

Academic Potential Test, English Proficiency Test, Interview.

Degree granted : Doctor (equivalent to PhD Degree)

PROGRAM OUTLINE

The doctoral program offers a specialized academic endeavour in the fields of architectural design, building technology, housing and human settlement, and architectural history, theory and criticism.

The objective of the program is to develop independent research skills and an ability to relate a spesific research topic to a broad framework of knowledge in a relevant discipline area. Doctoral candidates develop capacity to formulate significant problem; to master appropriate conceptual and methodological skills; and to carry out an original program of research.

Students will be assigned an academic supervision committee with whom they will works to pursue their research. All students are required to take a qualifying examination before initiating their research for doctoral dissertation. Students who have obtained the status of doctoral candidate and completed their dissertation must pass a final examination and have their dissertation approved by the examination committee.

ADDRESS

Institut Teknologi Bandung
Gedung Laboratorium Teknik (Labtek) IX-B
Jl. Ganesa 10, Bandung 40132, Indonesia
(+6222) 2504962 (p)
(+6222) 2530705 (f)
www.sappk.itb.ac.id/architecture/ (w)
www.ar.itb.ac.id (w)
www.sps.itb.ac.id (w)
prodi_s3_ar@itb.ac.id (e)

CURRICULUM

Since 2013, the doctoral curriculum is divided into 4 (four) consecutive phases:

- First phase: courses (architectural research methodology, colloquium and qualifying or preparatory examination (14 credits)
- Second phase: proposal writing (3 sks)
 Students are required to have 12 months residence period in the campus and pass the qualifying examination.
- Third phase: research and dissertation writing (20 credits)
- Fourth phase: Dissertation examination (3 credits)

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URBAN & REGIONAL PLANNING

I rban and regional planning activities have been in constant development and are increasingly becoming more complex, covering not only the spatial or physical aspects of sustainable built environment, but also the multitude of non physical aspects involving various disciplines and stakeholders. Urban and regional planners are required to be knowledgeable about the field and have professional skill pertaining to the allocation

The undergraduate program in Urban and Regional Planning at ITB was established in September 1959, with initial help from experts from Harvard University under the auspices of the United Nations Technical Assistance Bureau (UNTAB). To keep up with the increasing need for specialized professional expertise, a master program in Urban and Regional Planning was established at ITB in August 1982 with technical assistance from the Development Planning Unit, University College London and the Department of Public Works. The establishment of a doctoral program in Urban and Regional Planning at ITB was then followed in 1986.

The Urban and Regional Planning Program at ITB is designed to become the key center for the theory and practice of urban and regional planning and policy in Indonesia. The program provides high quality of planning education, scholarly planning research, and best planning service for the public. The program educates students who wish to combine social concerns and analytical skills in dealing with the issues of urban & regional planning and policy in Indonesia.

and spatial distribution of land uses and functions required by society, devising and administering land zoning schemes, resolving conflicts between competing demands for land development, ensuring that housing and public facilities are well located and conveniently placed, and helping to decide which developments should proceed and which buildings or spaces should be preserved.

Graduates of the program are expected to be professional, practicing planners and/or development practitioners who have wide knowledge in urban and regional planning issues. Their levels of competence are stratified according to the

- Sarjana or Undergraduate degree program: Basic competence for urban and regional planning activities with simple level of interaction and generic behaviour.
- Magister or Master degree program: Professional competence for urban and regional planning activities, including ability to carry out comprehensive study and develop problem solution, to raise an awareness of its implication for the society, and to communicate it in persuasive manner.
- Doktor or PhD degree program: Ability to conduct research independently, to develop knowledge urban and regional planning and to communicate and disseminate it through scientific publication.

Undergraduate Program

Commencement semester : August

Duration : 8 semesters full-time,

including 2 semesters of Common First Year Program

: 144 minimum (with up to 20 credit units from Merdeka Belajar

Kampus Merdeka/MBKM)

Admission requirements : invitation and written test; national university entrance

examination

Degree granted : Sarjana Teknik (equivalent to Bachelor of Science Degree)

PROGRAM OUTLINE

Credit units

The Sarjana or undergraduate program is designed to equip graduates with basic knowledge, skill and attitude required as planners, emphasizing on their ability to think in rational, analytical, comprehensive, stategic way, in order to develop best alternative solutions to the problem, which are technically justifiable, socially acceptable and morally responsible.

CAREER OPPORTUNITIES

Graduates with a Sarjana Teknik Degree in Urban and Regional Planning are qualified to work as planners for local and regional councils, government agencies, planning consultancies, property developers, research institutes, and non-government organizations as well as private sectors.

PROFESSIONAL MEMBERSHIPS

Graduate of this degree may be eligible for membership with ITB Alumni Association (Ikatan Alumni/ IA ITB) and applying for membership for Indonesian Planners Association (Ikatan Ahli Perencana Indonesia / IAP).

ADDRESS

Institut Teknologi Bandung Gedung Sugijanto Soegijoko - Labtek IX A Jl. Ganesa 10, Bandung 40132, Indonesia (+6222) 2509171 (p) (+6222) 2501263 (f) pl@itb.ac.id (e)

www.sappk.itb.ac.id/perencanaanwilayahdankota/ (w) www.sappk.itb.ac.id/urp_international/(w)

CURRICULUM

To maintain its standard of quality and compatibility at national as well as international levels, the undergraduate curriculum is designed with reference to the levels of competence set up by:

- Planning Accreditation Board (PAB), an accrediting body for planning school recognized by the Council for Higher Education Accreditation (CHEA) in the **United States**
- Association of Collegiate Schools of Planning (ACSP)

Specifically, the program is accredited by Akkreditierungsagentur fur Studiengange der Ingenieurwissenschaften, der Informatik, der Naturwissenschaften (ASIIN - Germany)

The the undergraduate curriculum also allows students to gain academic classes and experiences beyond the program's courses through the Merdeka Belajar-Kampus Merdeka (MBKM) program up to 20 credit units. The MBKM program allows students to obtain 20 credit units from various academic activities including student exchange, internship, teaching and research assistant, community development, entrepreneurship, independent study and

PS-PPI (PROFESSIONAL EDUCATION)

To implement the mandate of the Law No. 11/2014 on Engineering Profession (keinsinyuran) and supporting the development of infrastructure and industry in Indonesia, Institut Teknologi Bandung, in collaboration with the Indonesian Engineers Association (Persatuan Insinyur Indonesia/PII), offers the Professional Engineer Study Program (Program Studi Program Profesi Insinyur (PS PPI). Graduates from this study program are awarded the title of Engineer (Ir) which is valid for life.

The Urban and Regional Planning sub-progam offers the Recognition of Past Experience (Rekognisi Pengalaman Lampau/RPL) pathway that could be completed within 1 (one) semester. Students in this RPL pathway can participate in the program while continuing to carry out their daily job or studying their Masters or Doctoral classes. Face-to-face meetings will be held at the beginning, mid and at the end of the semester with online tutorials and







Commencement semester

Duration

: August

: Regular Program : 4 semesters full-time, can be completed in 18 months for intensive classes. International Double Degree Program : 2 semesters full time at ITB plus 2 semesters full time at partner universities in the Netherlands, Japan, or the

USA.

Credit units

: 54 minimum

Admission requirements

: Bachelor degree in Urban and Regional Planning and other related fields, Academic Potential Test, English Proficiency Test, Interview. Attendance in preparatory program prior to regular academic

program is a requisite.

Degree Granted

: Magister Perencanaan Wilayah dan Kota (MPWK)

(equivalent to Master Degree)

PROGRAM OUTLINE

The Master Program in Urban and Regional Planning is designed to attain the following objectives:

- To train professional practitioners who are well equiped with up to date knowledge and analytical skill in the field of urban and regional planning.
- To develop the capacity of planners, development managers, and decision makers at the central, regional and local levels, and to build their ability to think in analytical, integrated and comprehensive way.
- To train academic practitioners who are conversant with planning theory, method, and synthesis, and accordingly ready to support and develop similar education program at other universities in Indonesia.
- To train researchers in the field of urban and regional planning, who excel in problem identification.
 research methodology, analysis and interpretation, and development of alternative solutions.

CAREER OPPORTUNITIES

Graduates of this program find employment in central, regional or local governments and development organizations in both public and private sectors.

PROFESSIONAL MEMBERSHIPS

Graduate of this degree may be eligible for membership with Indonesian Planners Association (Ikatan Ahli Perencana Indonesia) and ITB Alumni Association (Ikatan Alumni/ IA ITB).

ADDRESS

Institut Teknologi Bandung
Gedung Sugijanto Soegijoko - Labtek IX A
Jl. Ganesa 10, Bandung 40132,
Indonesia
(+6222) 2504735 (p)
(+6222) 2501263 (f)
www.sappk.itb.ac.id/perencanaanwilayahdankota/ (w)
www.sappk.itb.ac.id/urp_international/(w)
www.sps.itb.ac.id (w)
pl@itb.ac.id (e)

CURRICULUM

The curriculum for master degree program is differentiated into 2 (two) categories:

- Regular program, delivered in Bahasa Indonesia, with 5 (five) specialized fields: Regional Development, Urban Planning, Urban Management, Infrastructure and Transportation System, and Disaster Mitigation.
- International Double Degree program, delivered in English, with 2 (two) specialized fields:
 - Development Planning and Infrastructure Management, administered in colaboration with Royal University of Groningen / RUG and International Institute for geo-Information Science and Earth Observation / ITC in the Netherlands, and University of Florida, USA.
 - Regional Development and Policy Analysis, administered in colaboration with several universities in Japan, namely: Keio University, Ritsumeikan University (Engineering and Policy Science), Hiroshima University, Yamaguchi University, and Miyazaki University.

As for the international double degree program, students will spend the first year of their two years at ITB, and continue the second year at the relevant partner universities in the Netherlands, Japan or the USA. Upon completion of their studies and fulfillment of all academic requirements from both universities, the students will be granted two degrees, one from ITB (degree: Magister Perencanaan Wilayah dan Kota/MPWK) and the other from relevant partner university in the Netherlands, Japan or the USA (degree: varied according to each university).







Doctoral Program

Commencement semester : August, January
Duration : 3-4 years full-time
Credit units : 68 minimum

Admission requirements : Master degree in Urban and Regional Planning and other related

fields, Academic Potential Test, English Proficiency Test, Interview.

Degree Granted : Doktor (equivalent to PhD Degree)

PROGRAM OUTLINE

The doctoral program offers a specialized academic endeavour in the fields of regional and rural planning, urban planning and design, regional and urban infrastructure system, and policy planning and development management. The objective of the program is to develop independent research skills and an ability to relate a spesific research topic to a broad framework of knowledge in a relevant discipline area. Doctoral candidates develop a capacity to create knowledge and to communicate and disseminate it to the academic community and the general public. Students will be assigned an academic supervision committee with whom they will works to pursue their research. All students are required to take a qualifying examination before initiating their research for doctoral dissertation. Students who have obtained the status of doctoral candidate and completed their dissertation must pass a final examination and have their dissertation approved by the examination committee.

CURRICULUM

The doctoral curriculum is divided into 4 (four) consecutive phases:

- First phase: philosophy of science, planning theory, preparatory examination and additional elective courses (in total 11 credits)
 Students are required to have
 12 months residence period in the campus and pass the qualifying examination.
- Second phase: research methodology and proposal writing (6 credits)
- Third phase: research and dissertation writing (20 credits)
- Fourth phase: Dissertation examination (3 credits)



Institut Teknologi Bandung
Gedung Sugijanto Soegijoko - Labtek IX A
Jl. Ganesa 10, Bandung 40132,
Indonesia
(+6222) 2504735 (p)
(+6222) 2501263 (f)
www.sappk.itb.ac.id/perencanaanwilayahdankota/ (w)
www.sappk.itb.ac.id/urp_international/(w)
www.sps.itb.ac.id (w)
pl@itb.ac.id (e)











AUN - ITB Summercamp AISC 2024

SAPPD-ITE

URBAN DESIGN

rban design as a distinct field began to gain attention in Indonesia at the end of 1980s and has expanded considerably since that time, in response to the needs for better urban design knowledge and skills for design professionals in general, and for government officers at local, regional and national. planning boards in particular, to support the implementation of national policy on regional autonomy. More and more planning board officers nationwide are required to prepare and evaluate urban design policies, strategies, concepts, guidelines, master plans and development programs, as well as be involved in the detailed design and management of urban spaces, which demands better appreciation of urban structure and context.

Urban design approaches, concepts and principles learned from developed countries are not fully implementable to solve multitude problems that challenge Indonesia at present and in the future, due to great differences in socio cultural, political, economics and natural physical contexts. Indonesia ultimately needs to develop its own urban design and development approaches, concepts and principles, which are based on and accordingly relevant to its own contexts and experiences. The initiative to establish a master degree

program in Urban Design at ITB began in 1992, supported by a number of dedicated academic staff from the Department of Urban and Regional Planning and Department of Architecture. It was not until February 2007 that the initiative could be fully realized. The Program introduces students to the fundamental theories, methods, and substantive content of urban design, and provides them with professional knowledge and skills through a series of urban design studio practice. Strong emphasis is given to the process of designing and creative contribution to the resolution of urban problems through design.

Master Program

Commencement semester

Duration

: Regular Program : 4 semesters full-time, could be completed in

3 semesters by dedicated and hard working students.

Credit units : 54 minimum

: August

Admission requirements

Bachelor degree in architecture, planning and other related fields, Academic Potential Test, English Proficiency Test, Interview.

Additional portfolio of previous design works will be appreciated.

Degree granted : Magister Rancang Kota (MRK) (equivalent to Master of Urban Design)

PROGRAM OUTLINE

The Master program in Urban Design aims to produce skilled, creative and professional urban designers capable of undertaking decisions in urban design and development, to work in a multidisciplinary team, to uphold ethical principles and sustainability of the environment, and are ready to compete in the global market.

CAREER OPPORTUNITIES

Graduates of this program occupy important positions in local, regional and national planning boards, and private consulting companies.

PROFESSIONAL MEMBERSHIPS

So far, no specific proffesional association at national level is available for the alumni of the program to register. Nevertheless, they are eligible to join ITB Alumni Association (Ikatan Alumni/IA ITB) and IARKI (Ikatan Alumni Rancang Kota Indonesia)

CURRICULUM

The curriculum is designed to equip the students with the capacity to undertake innovative problem solving of urban issues through design; and to comprehend and appreciate local characteristics as the basis for an integrated and multidisciplinary approach to a humane urban design and development concept. At its core are studio projects that address emerging design issues and course subjects that cover morphological, ecological, cultural, legal and other dimensions of urbanism.

To maintain its standard of quality and compatibility at national as well as international levels, the curriculum is designed with reference to levels of competence set up by:

- Union Internationale des Architectes (UIA) / UNESCO Charter for Architectural Education (April 1996)
- Planning Accreditation Board (PAB)

ADDRESS

Institut Teknologi Bandung Gedung Laboratorium Teknik (Labtek) IX-B JI. Ganesa 10, Bandung 40132, Indonesia (+6222) 2504962 (p) (+6222) 2530705 (f) www.sappk.itb.ac.id/rancangkota/(w) www.sps.itb.ac.id (w) prodi_s2_rk@itb.ac.id (e)

ACADEMIC

DEVELOPMENT STUDIES



DEVELOPMENT STUDIES

evelopment Studies is a multi-disciplinary field of study that deals with three aspects of development: theory, strategy and ideology. Development Studies at the School of Architecture, Planning and Policy Development ITB focuses on the understanding of theories, normative principles, and strategies of development within a holistic framework that takes into account aspects of economy, politics, sociocultural, technology, humanity and sustainable environment. It endeavors to provide the state of the art in the field of development studies. to achieve academic excellence and to enhance its role in the development process of the Indonesian society.

The academic program is designed as such to enable participants with both 'hard' and 'soft' sciences background to attend and gain benefit from it. As such the Program is relevant for policy makers, public administrators, business persons and bankers, politicians, engineers, NGO staff, and researchers. The Program provides an academic environment that allows students from a multitude background to interact and exchange ideas as well as information with researchers from various centers at ITB.

The learning system is designed to response to development issues that exist in the society. Case study materials and contextual issues are discussed, and development actors are invited as guest lectures. Students are encouraged to investigate issues encountered in their immediate environment for further exploration through thesis work.

Commencement semester : August

Master Program

Duration : Regular Program : 4 semesters full-time,

can be completed in 13 to 18 months for intensive classes.

Credit units : 54 minimum

Admission requirements Bachelor degree in various fields, Academic Potential Test,

English Proficiency Test, Interview.

Degree granted : Magister Studi Pembangunan (MSP) (equivalent to Master Degree)

PROGRAM OUTLINE

Students of Development Studies program are taught to think critically, provided with analytical and modeling skills, and trained to develop strategy with futuristic orientation. Students are exposed to development issues from the multitude of perspectives and are trained to formulate strategies that are realistic and ethical. Through class discussion and thesis supervision, students are guided to conduct synthesis of multidisciplinary sciences in order to answer development problems encountered in their working environment.

CAREER OPPORTUNITIES

More than 400 alumni of the programs are currently occupying prominent positions in the public and private sectors. Some of the graduates have gone on to undertake Doctoral program in the fields related to development studies such as governance studies, science & technology policy, social change, economics, and environment, within the country and abroad.

CURRICULUM

- The curriculum for master degree program is organized into 3 (three) specialized of study:
- 2. Development Sustainability
- 3. Modelling of Development System
- 4. Technology Diffusion in Development Project

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Institut Teknologi Bandung Gedung Sugijanto Soegijoko - Labtek IX A Jl. Ganesa 10, Bandung 40132, Indonesia (+6222) 2504625 (p) (+6222) 2500046 (f) www.sappk.itb.ac.id/studipembangunan/(w) www.sps.itb.ac.id (w) sp@itb.ac.id (e)

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TRANSPORTATION

The broad impact of transportation systems requires an interdisciplinary approach to the planning, design, construction and operation of these systems, especially for a country like Indonesia whose regions are geographically spread out, heavily constrained by harsh natural elements like seas, rivers, forests and mountains, and heterogeneously divided by sociocultural differences and diversities.

Transportation Graduate Program of the School of Architecture, Planning and Policy Development ITB encompasses a wide range of academic disciplines. It draws together a core of essential knowledge from transportation system analysis, transportation planning and policy, transportation operating and control systems, infrastructure management and logistic system, supported by more generic sciences such as modelling system, engineering system, traffic engineering, and economics. Any technical solutions to transportation problems are to be promoted in integration with socio cultural, economic, political and environmental concerns.

Transportation Program is designed as such to satisfy the demand for transportation professionals who comprehend multiple dimensions of transportation planning and management, enabling them to make decisions leading to more economically, socially, and environmentally sustainable transportation systems nationwide at present and in the future.

ACADEMIC

TRANSPORTATION



Master Program

Commencement semester : August, January

Duration : Regular Program : 3 to 4 semesters full-time

Credit units : 54 minimum

Admission requirements : Bachelor degree in related fields, Academic Potential Test,

English Proficiency Test, Interview, Attendance in preparatory program prior to regular academic program is a requisite.

Degree granted : Magister Teknik Transportasi

(equivalent to Master of Transportation Planning)

PROGRAM OUTLINE

Graduates of the program are expected to be professional planners and/or managers who have wide knowledge in transportation planning and management issues, and to be expertise in one of specialized fields highly demanded by the community:

- Transportation System Analysis
- Transportation Planning and Policy
- Transportation Economics and Business
- Transportation and Regional Development

CAREER OPPORTUNITIES

Graduates of this program find their careers in local government transportation and traffic planning offices, regional and national transportation and traffic planning authorities, as well as private consultants engaged in transportation planning and traffic management.

3°

ADDRESS

Institut Teknologi Bandung
Gedung Sugijanto Soegijoko - Labtek IX A
Jl. Ganesa 10, Bandung 40132,
Indonesia
(+6222) 2502347 (p)
(+6222) 2500996 (f)
www.sappk.itb.ac.id/transportasi/(w)
www.sps.itb.ac.id (w)
tr@itb.ac.id (e)





Doctoral Program

Commencement semester

: August, January

Duration

: 3-4 years full-time

Credit units

: 68 minimum for students with similar academic background, and 50 minimum for students with different academic background

Admission requirements

: Master degree in related fields, Academic Potential Test,

English Proficiency Test, Interview.

Degree granted

: Doktor (equivalent to PhD Degree)

PROGRAM OUTLINE

The doctoral program offers a specialized academic endeavour in the fields of transportation planning and management. The objective of the program is to develop independent research skills and an ability to relate a specific research topic to a broad framework of knowledge in a relevant discipline area. Doctoral candidates develop a capacity to create knowledge and to communicate and disseminate it to the academic community and the general public.

Students will be assigned an academic supervision committee with whom they will works to pursue their research. All students are required to take a qualifying examination before initiating their research for doctoral dissertation. Students who have obtained the status of doctoral candidate and completed their dissertation must pass a final examination and have their dissertation approved by the examination committee.

CURRICULUM

Since 2013, the doctoral curriculum is divided into 4 (four) consecutive phases:

- First phase: research methodology, colloquium and qualifying or preparatory examination and additional elective courses (in total 14 credits for students with similar academic background, 26 credits for students with defferent academic background). Students are required to have 12 months residence period in the campus and pass the qualifying examination.
- Second phase: proposal writing (3 credits)
- Third phase: research and dissertation writing (20 credits)
- Fourth phase: Dissertation examination (3 credits)









SAPPD International Guest Lecture With Prof. Akimasa Fujiwara (Hiroshima University)

ADDRESS

Institut Teknologi Bandung Gedung Sugijanto Soegijoko - Labtek IX A Jl. Ganesa 10, Bandung 40132, Indonesia (+6222) 2502347 (p) (+6222) 2500996 (f) www.sappk.itb.ac.id/transportasi/(w) www.sps.itb.ac.id (w) tr@itb.ac.id (e)

TOURISM PLANNING

The challenge to prepare a master plan for national tourism development in the early 1990s has become a milestone for ITB to take tourism as a serious subject matter. Tourism at that time was the country's strategic foreign exchange earner, due to the decrease of national income from oil and gas. A strong political will to further develop tourism industries has encouraged the undertaking of tourism studies and increased the demand for tourism planning. Accordingly, courses on tourism were offered as electives at the Regional and Urban Planning Department ITB. The subject gradually attracted interest of students from planning department as well as from other fields of study.

With the accumulation of knowledge during that period, course materials on tourism could be enriched and expanded. In 2006, a master program on tourism was initiated as an attachment to master of Development Studies program. After a thoughtful consideration and preparationfull-fledge master program on Tourism Planning was then established in 2010.

ITB is not the first higher education to undertake a graduate program on tourism, which mostly started in late 1990s in the management study program. Undergraduate education on tourism in Indonesia is predominantly vocational in nature, serving the increasing need of the growing industry. In response to the aggravating issues in tourism development, resulted from accelerated growth of the industry with all its consequences, ITB in 1993 established a Center for Tourism Research to stimulate interest among students and faculty members. The Center is aimed at accumulating knowledge and experiences through researches as well as lessons learned from cooperation with many local governments and central government.

ADDRESS

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Master Program

Commencement semester : August

Duration : Regular Program: 3 semesters full-time

Credit units : 54 minimum

Admission requirements Bachelor or D-4 degree in related fields:

Academic Potential Test, English Proficiency Test, Interview

Degree granted : Magister Perencanaan Kepariwisataan (M.Par)

(equivalent to Master Degree in Applied Sciences)

PROGRAM OUTLINE

Students of Tourism Planning are required to attend classes, as well as exposed to the real problems that have to be solved in planning studios. Students will also given the opportunities to attend elective courses offered by other related study programs; regional and urban planning, architecture, urban design, and transportation planning.

CAREER OPPORTUNITIES

With the increasing strategic position of tourism in the national development agenda, the program will be appropriate for faculty members of the many tourism management school, as well as planning school. The program is also beneficial for those who are starting a career at the provincial as well as local (Kabupaten and Kota) government. In addition there is also an increasing need for consultancy services with regards to tourism planning, in line with the fact that tourism is becoming an interest for many if not all provincial and local government. Tourism planning at different levels of government are required by law (Republic of Indonesia Law No. 10 Year 2009).

CURRICULUM

Tourism Planning is a 36-credit master program that can be undertaken in 3 consecutive semesters on a full time basis.

Starting in 2022, Bappenas in collaboration with Australia Awards in Indonesia (AAI), Bandung Institute of Technology (ITB), and Monash University will provide Split-Site Master's Program scholarships for the 2022-2024 academic year for planners or civil servants working in the tourism sector, either in central government and local government.

The Split-Site Master's Program Scholarship Program selection process includes administrative stages, academic potential test (TPA), Test of English as a Foreign Language (TOEFL), IELTS test and interview by the Joint Selection Team (JST) Australia Awards in

This scholarship program consists of 1 year of study at ITB, Indonesia which is funded by Bappenas and 1 year of study at Monash University, Australia which is funded by the Australian Government. After graduating, students will get two master's degrees, namely Master of Tourism Planning from ITB and Master of International Sustainable Tourism Management from Monash University.

Apart from going through Bappenas and with the Australia Awards in Indonesia (AAI), ITB's dual degree program Master of Tourism Planning with Master of International Sustainable Tourism Management from Monash University for 2022 is also open to general students either at their own expense, scholarships from sending institutions or other scholarships from domestic and foreign. Students will register for the first year in the ITB postgraduate program at the same time as the regular program registration.



LANDSCAPE ARCHITECTURE

rvironmental degradation has become a major issue in the world today, and has been stated explicitly in the Millennium Development Goals program. One of the goals is ensuring environmental sustainability as the main base of every planning. Institut Teknologi Bandung, which has corecompetences on science, engineering, art and design, has both vision and mission to become center of excellence in national and international level. Supported by various Research Groups and Research Centers related to the science of planning, engineering, ecology, and cultural history and design, Master Program in Landscape Architecture develops interdisciplinary knowledge that focuses on ecological design.

Master Program in Landscape Architecture is one of academic programs in the School of Architecture, Planning, and Policy Development (SAPPD), Institut Teknologi Bandung. The program was established on 28 August 2012 by a decree from the Rector of ITB (No:208/SK/I1.A/OT/2012), which was previously conducted as a field of study in Architecture Master Program, SAPPD in academic year 2007/2008.

The program is developed based on Landscape Architect Professional Competency, and supported by a professional association (IALI: Ikatan Arsitek Lanskap Indonesia/Indonesian Landscape Architects Association). The Master program is oriented towards the development of graduates competency to implement the knowledge of Landscape Architecture in response to current environmental issues, such as environmental improvement projects, planning with specific issues (post-mining, heritage, and tourism), and urban green open space.

Master Program

Commencement semester : August

Duration : 4 semesters full-time
Credit units : 54 minimum

Admission requirement : Bachelor degree in architecture, landscape architecture,

and other related fields,

Academic Potential Test, English Proficiency Test, Interview.

Additional portfolio of previous design works will be appreciated.

Degree granted : Magister Arsitektur Lanskap (M.Ars.L.) (equivalent to Master Degree)

PROGRAM OUTLINE

The Master program in Landscape
Architecture aims to develop skills and attitude of a landscape architect, which are emphasized on problem solving ability as a basic competency. The learning process is directed to the development of students' professional attitude, as well as problem solving skill through group and individual works in studio, field studio, and excursions to various places with specific topic/theme.

CAREER OPPORTUNITIES

Graduates of our Master program are occupied as landscape architects in various consulting companies as well as other related field of works.

PROFESSIONAL MEMBERSHIPS

The alumni of Master program in Landscape Architecture are eligible to join Indonesian Landscape Architects Association (Ikatan Arsitek Lanskap Indonesia/ IALI), as well as ITB Alumni Association (Ikatan Alumni/ IA ITB).

CURRICULUM

The curriculum is designed to develop students' competency to integrate the principles of regional planning, the understanding of social and cultural problems in developing countries, natural and cultural system in a society, and information technology into the design process and concept. Landscape Architecture Studio as a core course consists of several design practices that address current environmental issues.

ADDRESS

Kampus ITB-Jatinangor Jl. Raya Sumedang, Kab. Sumedang

Institut Teknologi Bandung Gedung Laboratorium Teknik (Labtek) IX-B Jl. Ganesa 10, Bandung 40132, Indonesia (+6222) 2504962 (p) (+6222) 2530705 (f) www.sappk.itb.ac.id/arslanskap/ (w) prodi_s2_al@itb.ac.id (e)



LANDSCAPE ARCHITECTURE



RESEARCH GROUP

RESEARCH INTEREST

Research activity are maintained at a high level by 9 (nine) Research Divisions, covering key areas as follows:

Architectural Design

- Ecological design
- High density living
- Digital architecture and Computational Design
- Landscape Architecture
- Architectural Conservation & Cultural Heritage

Building Technology

- Appropriate building technology
- Energy efficient building

Housing and Human Settlement

- Morphology, transformation of settlement and dwelling process
- Housing construction process and habitability
- Housing demands, needs and preferences
- Community based housing and settlement

Architectural History, Theory and Criticism

- Transformation of dwelling culture
- Architecture and contemporary lifestyle
- Historiography of Indonesian architecture

Regional and Rural Planning

- Planning and development of metropolitan area
- Planning and development of remote area
- Core-periphery relation
- Management of Indonesia's maritime continent

Urban Planning and Design

- Academic concept of town planning standard
- Urban housing and land development
- Peri-urban development
- Development of urban economic basis

Regional and Urban Infrastructure

- Infrastructure system engineering and sustainability of regional and urban development
- Institutional development and the financing of infrastructure development
- Development of access to Infrastructure services

Policy Planning and Development Management

- Metropolitan governance analysis
- Fiscal impact analysis
- Local preference analysis
- Urban politics analysis

Economic System and Modelling

- Innovation economics & technology choice
- Spatial economics & planning
- Economics of infrastructure & the environment
- Economic Modelling & System of economic

ARCHITECTURAL / Perancangan DESIGN Arsitektur



(Courtesy: Perdana, 2019)

Architectural Design Research Group focuses on learning, developing, and teaching knowledge which are the basis of architecture school. The research group develops knowledge and research

Arsitektur

related to tropical and developing countries. It examines the design theories and skills that developed from the experiences of various architects or professional practice.

The scope of knowledge covers four main areas of study; (1) Building Design, (2) Urban Design, (3) Landscape Architecture, and (4) Environment and Behaviour. The expertise that developed in this research group is associated with building form, making place, design theories, design approaches, design methodologies, facility programming, and strategic planning for architecture and design. Architectural Design Research Group actively develops and shares its idea not only in the form of research but also from various activities, such as competition, workshop, and teaching. Architectural Design Research Group also engages collaboration with several institutions with different scope of fields.

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TEAM



Associate Professor ST., MT. (ITB), M.Eng.,

Design & computation: spatial modelling, agent-based simulation, algorithmic modelling, and game engine based visualization Head of Architectural Design



Ir. (ITB), Dr.-Ing. (Kassel)

design; architectural and urban heritage conservation and revitalization



Associate Professor ST., MT. (ITB), Dr. (ITB).

Urban design policy; digital



Associate Professor ST. (ITB), M.Eng., Dr.Eng. (Tokyo)

Environment and behavior morphology of space and form; quantitative data analysis



Assistant Professo ST., MT., Dr. (ITB)

Architectural design: visual analysis method; landscape architecture



Assistant Professor Ir. (ITB), MURP. (Hawaii), Dr.-Ing.

Urban design and urbanism



Assistant Professo Ir. (ITB), M.Arch., MAUD.(Colorado), Dr. (ITB)

Architectural and urban design; theory and methodology of spatial analysis; environment



Assistant Professor PhD (TU Eindhoven

Architectural design; interior architecture; behaviour and lifestyle in architecture

ST, MT (ITB),



Assistant Professor Ir., MT., Dr. (ITB)

design and studies; hospital design; environment and



Assistant Professor Ir. (ITB), MUDD. (UNSW).

Architectural design; urban morphology; political economy of architecture and urbanism



Assistant Professor ST., MT. (ITS), Dr.-Ing (TU

Conservation of built heritage area; public perception of the



Assistant Professor Lecturer
Ir. (ITB), MAUD., MLA. (Colorado). S.Ars.(UI), M.Ars.(ITB) Ph D (Melhou

Architectural design; landscape architecture



Architectural design; behavioral



Assistant Professor Ir. (ITB), MSP.(ITB), MLA

Urban landscape: Asian urbanism: Methods urban informality; indegenous landscape



Lecturer ST., MT. (ITB), Ph.D. (Melbourne) Architectural Design; Teaching



ST., M.Ars. (ITB)

Architectural Design; Urban

design; urban landscape

ST., MT. (ITB), Ph.D (Sheffield) design





Nissa Aulia Ardan Lecturer ST.(ITB), M.Sc (Nottingham) Sustainable design architecture; passive design architecture;



ST. (ITB), MA.(Kingston) Architectural Design: Urban



SP., M.Si. (IPB), Dr.GES (Kyoto) Landscape architecture in planning, design, and management based on e0-cultural landscape approach

BUILDING TECHNOLOGY

/ Teknologi Bangunan



Building Technology Research Division consists of six areas of study; (1) Building System, (2) Building Performance, (3) **Architectural Project and Construction** Management, (4) Building and Environment Control, (5) Architectural Disaster Mitigation, and (6) Architectural Computation and Modeling.

The six areas of study are an outgrowth of the three main study areas, namely: the structure of the building, construction management and building science, which became the embryo of a variety of professional activities and current research. It was recognized that the academic / educational architecture cannot grows without professional activities as a practice field / applied technology in architecture.

The current rapid development of the knowledge of building technology has been driven by several factors such as environmental degradation, scarcity of energy and natural resources and also by the progress of management science and computing.

TEAM



Professor Ir. (Unibraw), MT. (ITB), Dr. (ITB)

Urban thermal environment; building material and technology; building structure and technology Head of Building Technology Research



Associate Professor ST., MT. (ITB), Ph.D. (Kochi)

Construction management sustainable construction: project delivery service



Associate Professor ST MT (ITR) Dr-Ing. (RWTH Aachen).

Structural design: appropriate technology for developing countries; bamboo construction



Associate Professor Ir. (Unhas), MT. (ITB), Dr. (ITB)

Building technology and



Associate Professor ST. (UGM), MT. (ITB) Dr. (Kitakyushu)

Urban and architectural modeling and simulation; building energy



Lecturer ST., MT. (ITB)

Building operation, performance and management



Robby Dwikojuliardi

Lecturer Ir. (ITN Malang), MT. (ITB). Ph.D. (UTM)

System and building performance



Fauzan Alfi A.

Lecturer ST., MT . (ITB) Ph.D. (Shibaura)

Building Information Modelling (BIM), Virtual Reality (VR)



Lecturer ST. (ITB) M.Sc., Ph.D. (Nottingham)

Sustainable Architecture, Green Design



Lecturer S.T., (ITB) M.Sc. (Nottingham)

Structure; sustainable



Lecturer ST., MT. (ITB) Ph.D. (Nottingham)

Structure, Construction, and Algorithmic Design Approach



Hafshah Salamah



ST., MT . (ITB)



Building System, Structure and Construction







HOUSING AND / Perumahan SETTLEMENT





Housing and Settlement Research Group is the pioneer in the development of research and studies about housing and settlement as an independent knowledge to answer

the issue and problem of developing country like Indonesia.

As the vision and mission of the department, Housing and Settlement Research Group currently is developing an applied knowledge which concerned with: (1) Housing and settlement development planning and design process in urban and rural context, (2) Formulization of built environment and settlement development policy based on community in scale of urban and rural.

There are four aspect of research in this research group;

- (1) Morphology or transformation of dwelling process, (2) Housing construction process and inhabitability appropriateness,
- (3) Environmental impact of settlement,
- (4) Demands, need, and preference of settlement environment.



TEAM

Associate Professor Ir. (ITB), M.Sc. (UCL)

Architectural design; housing planning and design

Head of Housing and Settlement Research Group



Associate Professor Ir. (ITB), MES. (York), Ph.D. (Sheffield).

Housing and settlement; tourism studies and planning; built environment and traditional communities



Associate Professor ST. MT. Dr. (ITB).

Housing need and demand analysis; housing typo-morphology; research methodology for housing and settlement



Mohammad Jehansyah Siregar

Assistant Professor ST., MT. (ITB), Ph.D. (Tokyo).

Housing and settlement



Assistant Professor ST., MT., Dr. (ITB)

Human settlement and environmental psychology



Tri Yuwono

Lecturer Ir., MT. (ITB).

Building technology



Lecturer ST. (ITB), M.Sc. (UCL), Ph.D. (Sheffield)

Participatory design & river dwelling



Lecturer ST., MT. (ITB)

Building System, Structure and Construction







ARCHITECTURAL HISTORY, THEORY AND CRITICISM

Sejarah, Teori & Kritik Arsitektur



The research group Architectural History, Theory and Criticism aims for the comprehensive understanding on architectural and urbanism phenomena, its context and driving power.

There are four main areas of study:

- (1) Dwelling culture, local knowledge and vernacular architecture of ethnic community in Indonesia,
- (2) Develoment of architecture and urbanism in Indonesia,
- (3) Architecture and urbanism criticism, and
- (4) Documentation of ideas and works of Indonesian

TEAM



Himasari Hanan

Professor Ir. (ITB), MAE. (Leuven), Dr-Ing. (Kassel).

- History and Theory of Architecture Urban Design
- History of Modern and Urban Architecture
- **Urban Studies** Creative Industries
- Vernacular Architecture and Urban Design

Head of Architectural History, Theory and Criticism Research Group



Arif Sarwo Wibowo

Associate Professor ST., MT. (ITB), Dr-Eng. (Tokyo).

- History of Urban and Architectural Colonial
- Architecture Historical Building
- Building Documentation and Photogrammetry

Conservation



Bambang Setia Budi

Assistant Professor ST., MT. (ITB), Dr-Eng. (Toyohashi).

- Islamic Architecture
- Vernacular Architecture
- Theory of Architecture and Urbanism



Indah Widiastuti

Associate Professor ST., MT. (ITB), Ph.D. (Anna,

- Vernacular Architecture
- Ethnographic and Architectural Anthropology
- **Dwelling Culture** South Indian
- Vernacular
- Architecture Minangkabau
- Architecture Architectural
- Theory and Criticism



Christina Gantini

Assistant Professor Ir., MT. (ITB), Dr. (UNPAR).

- Balinese Architecture
- Vernacular
- Architecture History and Theory Architecture
- Architecture and Commodification



Feni Kurniati

ST. (UI), MT. (ITB).

Modern



Lecturer

- Vernacular architecture
- architecture









REGIONAL AND RURAL / Perencanaan | Wilayah & Perdesaan

Aiming to be a center of excellence in research in the field of regional and rural planning, this research group promotes integrated, equitable, and sustainable regional and rural development. It covers a wide range of research topics, which are classified into four main topics: 1) Regional Economics and Metropolitan Development; 2) Rural Transformation and Community Development; 3) Environmental Planning and Management; 4) Regional Policies and Governance.



Each topic consists of various research interests. Regional Economics and Metropolitan Development topic focuses on local economic development, regional-global urbanization, and mega-urban development. Environmental Planning and Management topic includes disaster management, climate change and regional development, river basin management, ecotourism development, and coastal and marine development.

Under the topic of Regional Policies and Governance, there are interregional collaboration, leadership and institutions, and decentralization. Regarding the Rural Transformation and Community Development topic, exploring endogenous development, rural development and planning, and community development are its main interests.

TEAM



Professor Ph.D. (Queensland).

Natural and rural systems management

Head of Regional and Rural Planning Research



Arief Rosyidie

Drs. (UGM), MSP. (ITB), M.Arch., Ph.D. (Leuven).

Tourism planning; disaster management; population and regional development



Delik Hudalah

ST, MT (ITB), M.Sc., Ph.D. (Groningen)

Suburbanization: peri-urban and metropolitan planning; regional governance; planning theory



Associate Professor Ir. (ITB), MA, (ISS), Ph.D. (Illinois).

Capacity building & regiona development: diffusion of innovation and social network; climate change and regional development



Associate Professor M.Reg.Dev. (Queensland),

Poverty and decentralization



Assistant Professor Ir. (ITB), MES. (York), Ph.D. (UBC).

Community based planning and disaster management ecolotgical politics of clean water; urban-rural linkages; environment and management



Saut Aritua H. Sagala

Associate Professor ST. (ITB), M.Sc. (ITC), Ph.D. (Kyoto).

Regional and urban planning; participatory and rural community plann disaster management; quantitative analysis and GIS



Adiwan Fahlan Aritenang

ST. (ITB), M.GIT.

Urban and regiona planning, regional geography, and trade



Fikri Zul Fahmi

Associate Professor ST. (ITB), M.Sc., Ph.D. (Groningen)

> Regional development and governance, Creative industries and regional economic development



Tessa Talitha

Lecturer ST (ITB), MA (Erasmus) Ph.D. (Sheffield)

Urban & metropolitan governance and regional planning, decentralization, regional development and governance



Hadi Nurtjahjo

Lecturer ST., MT. (ITB). Ir., MT., Dr. (ITB). Regional governance;

Carrying capacity; urban and coastal development; regional hydrology; land use participatory and rural

Yunie Nurhavati R.



Rintakasari Vitri Ayuningtyas

Lecturer ST. (UNWIM)

Rural Planning; Land



ST, (ITB), MT. (ITB) Decentralization: regional and marine planning; system and spatial dynamics; social capital



Arini Murwindarti

S.Si (UGM), M.Sc. (UGM) Regional planning, Rural community



Lecturer ST. (UNDIP) M.P.W.K., Dr. (ITB) Global Urbanization, Regional Governance, Rural Transformation and





Development

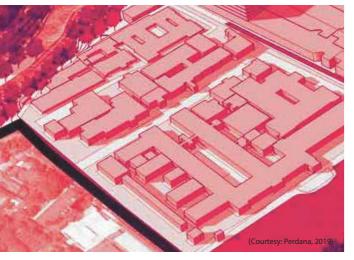


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URBAN PLANNING AND DESIGN



Perencanaan & Perancangan Kota

Urban Planning and Design Research Group (UPDRG) is an expertise group within the School of Architecture, Planning and Policy Development – Institut Teknologi Bandung (ITB), specializing in research and practical field of urban planning and design.

It is concerned with promoting humane and sustainable forms of urban development, understanding rapid urbanization and encouraging innovation in the policy, planning and management responses to the economic, social and environmental development of cities and regions in Indonesia.

The central purpose of UPDRG is to apply consulting and policy advice to governments and private sector, of which the knowledge are accumulated for academic and teaching activities in the Department of Urban and Regional Planning.

TEAM



Harvo Winarso Professor Ir. (UGM), M.Eng. (AIT), Ph.D. (UCL).

Land, housing and property development; urban design; inner-city redevelopment; planning theory; peri-urban

Head of Urban Planning and Design Research Group



Ridwan Sutriad Professor ST., MT. (ITB). Ph.D. (Florida).

Urban and land use planning; urban structure and pattern; ICT in urban



Denny Zulkaidi Associate Professor Ir. (ITB), MUP. (McGill) Dr. (ITB).

Urban planning and design; planning law and institution; land management; development and design



Iwan Kustiwar Associate Professor Ir., MT. (ITB), Dr. (UI).

Urban environment planning and management; urban spatial planning and management; land and housing development and management



RM. Petrus Natalivar Indradjati

Assistant Professor ST., MT., Dr. (ITB).

Urban planning and design; site planning, development and design control; urban history and development; urban form and transportation



Assistant Professor ST. (ITB), M.Sc. (AIT), Ph.D. (Kyoto).

Urban environmental management; urban planning; energy science.



Bagas Dwipantara Putra Assistant Professor

ST. (UNTAR), MT.(ITB), Ph.D. (RMIT). Urban design, urban

kampung, low income minorities, qualitative



Sugiyantoro

Lecturer Ir. (ITB), MIP. (Stuttgart), Ph.D. (UCL)

Urban infrastructure planning, policy and management; urban development planning and policy; inner city revitalization



Rina Priyani

Lecturer ST., MT. (ITB), Ph.D. Candidate (UC Berkeley)

Urban planning conservation of urban environment; tourism planning



Lecturer

ST. (ITB) M.Sct. (AIT).

Urban environmental management; statistics planning; planning information system; geographical information





Lanthika Atianta Lecturer S.T., M.Sc. (UGM) Urban planning; smart city

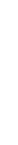


Naya Cinantya D. Lecturer S.T., (ITS) MA (Sheffield) Urban planning; smart city



Maya Safira Lecturer Dr.Eng., (Hiroshima University) S.T., M.T. (ITB)

Urban Analytics; Urban and Transportation Modeling; Urban Planning





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REGIONAL AND URBAN INFRASTRUCTURE SYSTEM

Sistem Infrastuktur Wilayah & Kota



Regional & City Infrastructure System Research group (RCIS-RG), School of Architecture, Planning and Policy Development (SAPPD), Institut Teknologi Bandung (ITB) is a group of expertise within the faculty which consists of professors

and researchers who are interested in transportation and infrastructure planning as well as its policy implication to urban development.

Together with the other expert groups in the faculty, RCIS-RG supports academic activities at the Department of Regional and City Planning and the Department of Transportation. Students at all level (undergraduate and graduate) who interested in various topics concerning infrastructure and transportation planning, policy, and management are encouraged to undertake their academic activities under the supervision of our members.

Furthermore, RCIS-RG cordially invite you to co-operate with us particularly in research, collaborative seminar, or exchange activities in relation to transport and infrastructure planning, policy, and management. RCIS-RG offer collaborative activities based on mutual benefit principle.



TEAM



Heru Purboyo Hidayat P.

Professor Dr. (Paris VIII).

Urban and regional planning; Urban and regional planning; infrastructure management

Head of Regional and System Research Group



Professor ST. (ITB), MIP. (Stuttgart),

infrastructure planning



Miming Miharja

Professor Ir. (ITB), M.Sc.Eng.(Leeds), Ph.D. (Groningen)

Urban and regional planning;



Ibnu Syabri

Associate Professor B.Sc., M.Sc. (Kentucky), Ph.D. (Illinois).

Regional science; RS and GIS; transportation simulation and modeling



Binsar PH Naipospo

Assistant Professor Ir., MSP. (ITB), Dr. (ITB).

Urban and regional planning; transportation and infrastructure planning



Shanty Yulianti Rachmat

Assistant Professor ST, MT (ITB), M.Sc. (Groningen), Ph.D. (Florida)

Transportation & landuse interaction; transportation demand management; parking management



Ninik Suhartini

Assistant Professor S.T. (ITB), MURP., Dr.

Urban governance and management in developing countries; informal urbanism; inclusive urban basic services and infrastructure



I Gusti Ayu Andani

Assistant Professor ST_MT (ITR) Ph.D. (Twente).

Transportation modelling



Fika Novitasari

Lecturer S.T., M.T. (ITB)



Lisna Rahayu

Lecturer ST (ITB), M.Sc.

Interaction of transportation and land

Lecturer

S.T., M.T. (ITB)

Urban Infrastructure and Transportation Planning





POLICY PLANNING AND DEVELOPMENT MANAGEMENT

Pengelolaan Pembangunan & Pembangunan Kebijakan



Policy Planning and Development Management Research Group (PPDM-RG) is a research group established to accommodate faculty members with experience and interest in urban and regional development management, and policy planning.

Set up in 2005, this research division intends to contribute effectively to the enchancement of the scholarly scientific knowledge and the practice of policy planning and development management. The research group continuously strives to develop, manage, and deliver knowledge, skills, and attitudes towards effective policies and plans that are relevant to respond the dynamics of issues and problems in local, regional, and national contexts. Supported by highly competent human resources, PPDM-RG seeks to provide insights in bringing the economy, prosperity, modernity, and sustainability for the people.

Key specialization: metropolitan governance, urban management, development management, urban public finance, development finance, planning evaluation, smart city development, urban governance institution, public-private financing, fiscal impact analysis, local preference analysis, urban politics, policy analysis, disaster mitigation.

TEAM



Associate Professor ST. (ITB), M.Eng., Dr.Eng. (Univ. of Tokyo).

Urban planning; urban transportation policy and management

Head of Policy Planning and Development Management Research



Sonny Yuliar

Associate Professor Ir. (ITB), Ph.D. (ANU).

Technology governance and policy; innovation and development policy; actornetwork theory



Harkunti Pertiwi Rahavu

Associate Professor Ir. (ITB), Dr. (Kochi),

Disaster risk reduction master planning; damage reduction system: contingency planning for city; early warning system



Assistant Professor Ir. (ITB), MPI. (Adelaide).

Andi Oetomo

Public policy planning; development institution and financing; coastal development management: conflict management in



Assistant Professor Drs., SH. (Unpad), MT. (ITB),

Participatory planning and action research; policy and budgeting; institutional design and development



Alhilal Furgan

Assistant Professor B.Sc. (UKM), M.Sc., Ph.D.

Tourism planning; urban & regional planning;



Nurrohman Wijava

Assistant Professor ST. (ITB), MT. (ITB), M.Sc. (AIT), Ph.D. Cand. (AIT).

Urban and regional planning; urban environmental management; climate change adaptation in urban area



Tengku Munawar Chalil

Assistant Professor MT., Dr. (Osaka University)



Happy P. Fadjaruddin A.

Lecturer ST. (ITB), MT. (ITB), Ph.D.

Urban policy and



Hanry Kurnia L.

ST. (UGM), M.T. (ITB)

Urban design; urban policy and management



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Lecturer ST(ITB), M.Dev.St. (Melbourne), Ph.D. (SUNY

Public financing: institutional & public policy development.



Tizar Muh. Kautsar Bijaksana

Lecturer ST, MT (ITB).

Participatory planning. development management planning theory



Karina Putri

Public Management and Governance, Public Finance Metropolitan Governance. Comparative Politics, Institutional Theory



Lecturer ST. (ITB), MA. (Zeppelin Univ).. Ph.D. candidate (Melbourne University),





ECONOMIC SYSTEM / Sistem & Permodelan Ekonomi



Economic system and modelling is a research division that collected faculty members with experience and interest in infrastructure planning, marketing management, economic visual modeling and economic development system.

Set up in 2013, this research division intends to help government and decision maker in term of policy analysis. The research group strives to sort out complicated chains of cause and effect and influence between the numerous interacting elements in an economy involving various agencies and institutions that are linked within the system. Supported by highly competent human resources, this group seeks to provide insights for a better and sustainable finance and economic organizations.

Key specialization: Infrastructure planning, economic and infrastructure management, economic modelling and methodology, economic development system, economic theory, Aggregate Supply – Aggregate Demand (AS/AD) model, loanable funds model, simulation model, and the IS/LM Model.

TEAM



Professor SE. (UGM), M.EcDev. (ANU), Dr.Eng. (Tokyo) Regional and city economics: transportation

Head of Economic System and Modelling Research Group

economics.



Professor
Ir., MS., Dr. (Unpad)
Agriculture economics.

Regional and urban economics; decentralization; fiscal policy; spatial economics.



Siti Herni Rochana

Associate Professor Ir. (IPB), MSi. (IPB), Dr. (Unpad)



Pringgo Dwiyantoro

Associate Professor SE., MM., MSi.

Cooperatives, small and medium enterprises; regional and urban economics; economic development; community based development; management and policy.



Deni Nugraha

Assistant Professor SE., MSi.

Economic development.



Edi Kusniadi

Assistant Professor Ir., MP. Fiscal economics;



Fiscal policy; Economic

Ir., MSi., Dr. Small and medium enterprises; entrepreneurial economics.

Kartib Bayu Assistant Professor



Subarl

Assistant Professor

Ir., M.T.



∕laman Suryan

Lecturer Ir., M.T.

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OFFICE ADMINISTRATION



Head of Administration Office

Endah Nurani, A.Ks., M.M.

Deputy Head of Academic Administration

Winda Djohar, S.Pd.

Deputy Head of Finance

Robby Hermawan, S.E.

Deputy Head of Human Resources

Rina Agustina S.IP

Deputy Head of Infrasctructure, Facilities, & Information System

Mochammad Mukti Fathudin, S.T., M.T.

Academic Administration

Budi Saputra Agus Dodi Nunung Maulani, SPd. Wati Sukiwati

Fitri Handayani

Yanti Nurhayati

Ifan Muhammad Fajar

Tati Purwanti, SE.

Dedes Nurgandarum Regy Permana

Indri Asyani

Wilda Maulida

Anwar Alawi

Library Administration

Eaje

Yoninur Amira, S.Sos.

Dra. Ipah Saripah

Cici Anjung

Finance Administration

Siti Aisah Tarsiwad, SAP.

Indri Wahyuni, A.Md.

Baghir Anjar Prakoso

Hikam Syahid

Siti Maulida

Human Resource Administration

Endeh Warman, S.AP. Elli Amalia, SE.

Ramdani Eulis Asih S.

Infrastructure & Facilities Staff

Akhmad Sidik

Rendra Rukandani

Nadiyah Nuraeni

Sarnya

Acep Wahyu H.

Tatang Safari

Technician

Gagan Irana

Yayat Sumardi

Gunawan

Anugerah

Fikri Irwansyah

M. Zakiyul Fuad

Rasyad

PHOTO GALLERY

(courtesy: Yulianto, 2018)





TPB SAPPK 2024 New Student Admissions Event, August 5, 2024 at ITB Jatinangor Campus, R. GKU 2



SAPPK Webinar: Public Lecture on Global City, August 2, 2024 at Seminar Room



The July 2024 SAPPK graduation thanksgiving was held in the east hall of the ITB Ganesha campus



The Dean of SAPPK has signed the Memorandum of Agreement On Potential Strategic Research Projects in the field of Building a Digital Twin-Based Underground Utility Data Management Ecosystem for Sustainable Urban Development





An opening of SAPPD Global Studio 2024 at the Multipurpose Room (RSG), 6th Floor, Labtek IXA



Winter School SAPPD 2024: Small Island Planning



Group photo of SAPPK Deans from time to time at the 19th SAPPK Dies Natalis event



Vice Dean for Academic Affairs, Aswin Indraprastha, Ph.D. provided socialization regarding academics and curriculum at the SAPPK Talks event.





Transoceanic Disclose: Weaving Architecture (Her)stories
An exhibition that tells the stories and tales about the first generation of women architecture graduates in Indonesia



SAPPK ITB students have won 1st place in the 2024 World Environment Day environmental video competition by KLHK at event LIKE 2



Joint Preparation Phase (TPB) Students of the SAPPK ITB Class of 2023 launched MERAKIT who consists of three main programs: TEJA (Thank You Jatinangor), Reinovasi (Renovation, Innovation, and Aspiration) and NGAB Finale (Ngakrab Bareng Finale).



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SAPPK Lecturers received the Satyalancanaa Karya Satya and 25, 35 and 40 Years of Service awards at ITB. This activity was carried out in a series of the 79th Indonesian Independence Day Ceremony at the Football Field, ITB Jatinangor Campus on August 17, 2024.