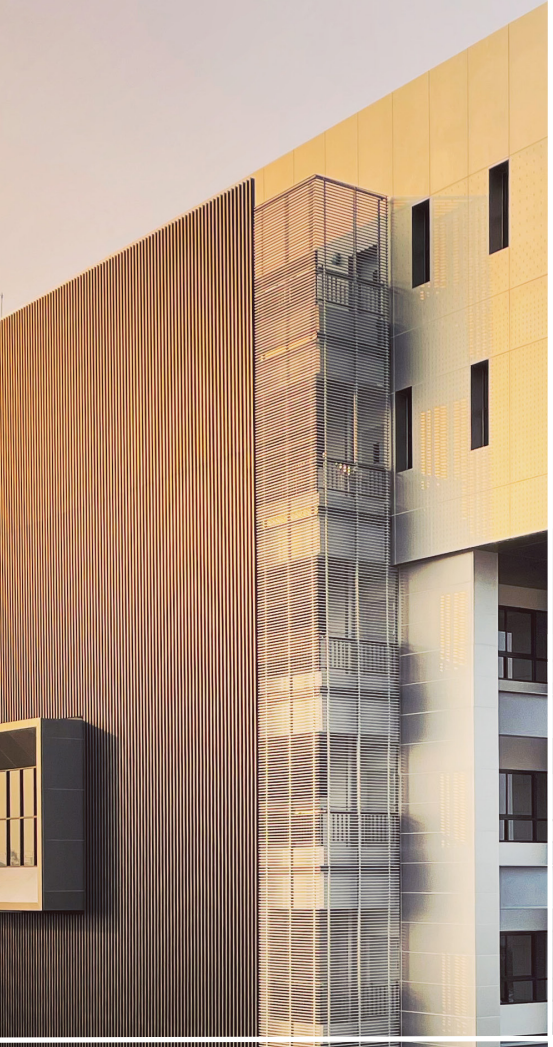




FACULTY OF
ARCHITECTURE
KASETSART
UNIVERSITY

FACULTY OF
ARCHITECTURE
KASETSART
UNIVERSITY





The Faculty of Architecture, Kasetsart University is a renowned architectural school in Thailand's prominent public university located in the Bangkok metropolitan. The architectural education at Kasetsart was originated in the Division of Construction Management within the Department of Civil Engineering. As a demand for professional architects expanded in response to rapid urban development in the country, the Bachelor of Architecture degree program and the Department of Architecture were officially established under the Faculty of Engineering in 1994.

The Department was ultimately promoted as an independent faculty in 2000. The Faculty presently offers 8 degree programs in an array of architectural studies in bachelor, master's and doctoral levels through 3 academic departments:

B.S.	BACHELOR OF SCIENCE IN ARCHITECTURE AND BUILT ENVIRONMENT 4 YEARS (INTERNATIONAL PROGRAM)
B.ARCH.	ARCHITECTURE 5 YEARS
B.L.A.	LANDSCAPE ARCHITECTURE 5 YEARS
B.S.	BACHELOR OF SCIENCE IN ARCHITECTURE 4 YEARS
B.S.	INTEGRATED PRODUCT DESIGN INNOVATION 4 YEARS
M.ARCH.	BUILDING INNOVATIVE AND TECHNOLOGY 2 YEARS
M.ARCH.	BUILT ENVIRONMENT 2 YEARS
Ph.D.	INNOVATIVE BUILT ENVIRONMENT 3 YEARS



>700
UNDERGRADUATE

>70
GRADUATE

15,000
SQ.M.

It currently accommodates over 700 undergraduate students and over 70 graduate students in its own 15,000 sq.m. learning facilities in the spacious Bangkhen Campus. In accordance with Kasetsart University's original specialization in diverse subjects associated with agricultural sciences and land resource management, the Faculty of Architecture firmly establishes its academic approach in the studies of design and development of built environment towards a sustainable future. We move forward to be a leader in the integrated knowledge of sustainable design via missions combining academics, professional practice, research, organization management, public services and extracurricular activities. Such emphasis is conveyed through radical teaching and research strategies of AKU's three academic departments while allowing room for innovation and interpretation of design principles and management that exhibit considerate use of natural resources, utilize appropriate technology, balance human needs with nature and create minimal environmental impact. Among our cultivation strategies of sustainable design awareness is a portrayal of sustainability-oriented outlooks in most basic and advanced courses based on their fundamental objectives and contents.



PROGRAMS OF STUDY

FACULTY OF
ARCHITECTURE KASETSART UNIVERSITY
BACHELOR DEGREE

BACHELOR OF SCIENCE IN ARCHITECTURE AND BUILT ENVIRONMENT (International Program)

Objectives/Overview

The A/Be programme aims to prepare students to understand and shape the built environment through an interdisciplinary approach that connects design, people, culture, environment, and technology. It develops students' ability to combine creative thinking with research, analysis, digital tools, field-based learning, and collaboration, while allowing them to explore integrated areas such as design for well-being, heritage ecosystems, and building performance. The programme also emphasizes international perspectives, real-world engagement, and the capacity to effectively respond to changing social, environmental, and technological challenges.



Special Features

A/Be is distinguished by a shared interdisciplinary core that connects architecture and the built environment with three integrated areas: Design for Well-being, Heritage Ecosystem, and Building Performance. Learning extends beyond the classroom through field studios, community-based projects, international workshops, research, and applied digital tools including BIM, GIS, parametric design, and AI. The programme also supports flexible pathways toward advanced study and emerging careers that connect design, technology, sustainability, culture, and society.

Curriculum Yearly Learning Approaches

1st Year — **Foundations**
Building core skills in design thinking, visual communication, culture and history, materials, digital tools, and exploratory creative exploration

2nd Year — **Methods and Systems**
Developing skills in research, documentation, community engagement, data, applied AI, sustainable green materials, building performances, BIM, and parametric design skills

3rd Year — **Integration**
Connecting design, environmental analysis, heritage, mapping, impact assessment, and interdisciplinary studios through more complex real-world project

4th Year — **Direction and Independent Practice**
Shaping individual interests through advanced electives, management and entrepreneurship, international perspectives, and an independent capstone project

One shared core, **three connected ways***



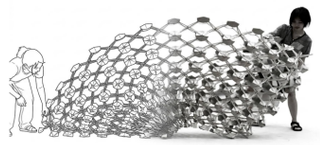
Design for Well-being

Human-centred to spatial design for health, inclusion, safety, eco comfort,service experiences, quality of life, and future ways of living.



Heritage Ecosystem

Cultural heritage as a living relationship among people, places,nature, communitiy, and cultural landscapes.



Building Performance

Climate-responsive design, energy, sustainable green materials, low-carbon smart building, parametric design, BIM, and evidence-based assessment.

*Integrated study areas within one degree, not separate majors

BACHELOR OF ARCHITECTURE

Objectives/Overview

This 5-year professional degree program accredited by the Architect Council of Thailand is nationally recognized for its sustainability-oriented academic training toward the creation of architecture and built environment. Formally established in 1994, the program aims to build its students with systematic problem-solving skills and knowledge of green design. The curriculum radically integrates architectural design studios with theory, history, construction and sustainable understandings as a whole to lead students toward the development of critical processes and architectural forms, eco-friendly to the environments, culture, and society.



Special Features

Workshops, fieldtrips, competition projects and participatory programs are frequently included as a part of the study program in order to stimulate practical skills, experience development and critical thinking.

A range of elective courses, including **Special Problem (Individual Study)** and **Selected Topics**, which allow students to explore diverse aspects and approaches of architectural and environmental design according to individual interests.

Curriculum Yearly Learning Approaches

1st Year Introduction to architectural fundamentals in design, presentation and construction

2nd Year Development of architectural design skill integrating with principles, contexts, history, tropical design and building systems

3rd Year Practice of adaptive design in complex scales collaborating with theory, appropriate technology, site planning and landscape architecture

4th Year Improvement of design ability of sustainable architectural design in high-rise and community scales with program development, advanced structure, environmental and urban design theory

5th Year Development of thesis proposal and accomplishment of thesis in architecture: individual design inquiry under advisory committees





Architecture students have opportunities to collaborate with international exchange students in many classes and with students from other Thai universities in special projects. Those with sufficient language skills are highly encouraged to participate in international workshops or even spend a semester abroad in an exchange program to enhance intellectual and cultural experiences while earning academic credits.



BACHELOR OF LANDSCAPE ARCHITECTURE

Objectives/Overview

As part of the university's educational opportunity extension policy, the Bachelor of Landscape Architecture Program was commenced in 2002. Since the 27th March 2008, the B.L.A. degree has been certified by the Architect Council of Thailand. Graduates from this degree are eligible to apply for professional licenses. The strengths of our Landscape Architecture Programs are reinforced by the university's broad range of academic resources. With cooperation from the Faculty of Forestry, Agriculture and Social Science, a diverse range of disciplines are integrated into the curriculum to ensure the interdisciplinary approach of the program leading to sustainable landscape design and planning.



Special Features

In addition to project-based learning in several regular classes, the programs frequently offer workshops, field trips, competition projects and participatory programs to provoke additional skill and experience development.

Among distinctive courses in B.L.A. program is Field Ecology in which a field-trip to regionalsites works as a major part of ecological learning. Students have opportunities to select from a range of elective courses to investigate diverse aspects and approaches of landscape architecture, urban and environmental design according to individual interests.

Curriculum Yearly Learning Approaches

1st Year Fundamental study in architecture (skill, basic design & construction)

2nd Year Fundamental study in landscape architecture (planting, design and construction history)

3rd Year Advanced study in landscape architecture (concept, design and construction)

4th Year Advanced study in ecological design, cultural landscape and urban planning

5th Year Integrated knowledge (cooperative education and thesis)





Thai and foreign scholars and practitioners are often invited to participate in the program as guest lecturers or critics, while students also gain knowledge through collaborations with others from Thai and international universities. Those with sufficient language skills are highly encouraged to participate in international workshops or even spend a semester abroad in an exchange program to enhance intellectual and cultural experiences while earning academic credits.

BACHELOR OF SCIENCE PROGRAM IN ARCHITECTURE

Objectives/Overview

Launched in 2016, the Bachelor of Science in Architecture is a pioneering 4-year professional degree program offered by the Department of Building Innovation. Fully accredited by the Architect Council of Thailand, it is the first—and still the only—program in the country that fully integrates architectural design with building science, setting a new benchmark for architectural education in Thailand.

The unique program is designed to meet the challenges of a rapidly changing world and to lead the future of sustainable and resilient architecture. Guided by the UN Sustainable Development Goals (SDGs) and Thailand's Bio-Circular-Green Economy (BCG) model, the curriculum prepares students to become creative architects and green building experts.



The program values complexity and diversity in architectural solutions, emphasizing wellbeing, sustainability, and resilience. Students learn from full-time professors who are not only experienced architects and engineers, but also accredited green building professionals—certified by both national and international organizations.

Their professional accreditation ensures that students learn directly from experts with deep, up-to-date knowledge of sustainable design, building technologies, and certification standards such as LEED, TREES, WELL, and more. Learning is grounded in practice, with real-life case studies and hands-on projects forming a core part of the experience.

Curriculum Yearly Learning Approaches

1st Year Fundamentals of small-scale sustainable architecture, including eco-design, building technology, drawing and presentation skills.

2nd Year Medium-scale architecture, emphasizing environmentally responsive design and simulation, interior, thermal, lighting and acoustics.

3rd Year Advanced study in large-scale sustainable architecture, green building innovations and zero-energy building design.

4th Year Specialize in sustainable high-rise buildings, integrating design with urban planning, real estate and senior projects.

Special Features

Integration of Design and Building Science: Students are trained to merge creative design with scientific analysis, making performance-based design central to their thinking.

Digital and Analytical Skills: The program fosters both creative and computational thinking. In the first year, students develop both creative and technical thinking through a "head and hand" approach. From the second year, they are trained in Building Information Modeling (BIM) and simulation tools to evaluate building performance covering thermal performance, daylighting and lighting, acoustics, structural integrity, and energy efficiency —are fully integrated into the curriculum.

Green Building Certifications: Students are supported and encouraged to pursue exams for professional green building accreditation.

Enriching Learning Experiences: The program offers international exchange opportunities, field trips, workshops, and real-world design competitions. Our students have received numerous national awards, reflecting the program's commitment to excellence and innovation.





BACHELOR OF SCIENCE IN INTEGRATED PRODUCT DESIGN INNOVATION

Objectives/Overview

The Bachelor of Science in Integrated Product Design Innovation (IPDI), offered by the Faculty of Architecture at Kasetsart University, is an interdisciplinary undergraduate program that prepares students to become future-ready product designers. The program emphasizes the integration of creativity, research, and sustainable innovation to address complex local and global challenges.

IPDI is developed in alignment with Thailand's national Thailand 4.0 policy, the United Nations Sustainable Development Goals (SDGs), and the Bio-Circular-Green (BCG) Economy model. It promotes a human-centered approach to design while instilling awareness of the economic, social, environmental, and cultural impact of design practices. The program nurtures designers who are capable of creating meaningful solutions that generate value and contribute to inclusive and responsible development.

Graduates of the IPDI program are expected to become creative leaders who can integrate design, science, and technology to produce innovative products that serve people, society, and the environment in sustainable and forward-thinking ways.



Special Features

Thematic Curriculum Structure: The IPDI curriculum is uniquely organized around key annual themes that reflect the progression of knowledge and skills

Interdisciplinary Learning: Courses are designed to bridge design, science, technology, and business, fostering critical thinking and creative confidence.

Hands-on Learning Environment: Emphasis on studio-based projects, collaborative teamwork, and real-life problem solving.

Cooperative Education and Internships: Students engage with corporate, industrial, and community partners through mandatory internships and cooperative education programs to gain practical experience and enhance career readiness.

Focus on Sustainable Innovation: The program integrates design for sustainability and social impact, in alignment with global and national development frameworks (SDGs and BCG).

Design for the Future: IPDI prepares students to anticipate future trends and challenges, and to lead innovation across industries with ethical, ecological, and user-centered solutions.

Curriculum Yearly Learning Approaches

1st Year	2nd Year	3rd Year	4th Year
Foundation in visual communication and product form	Human-centered design and sustainability	Innovation, technology, and business strategy	Real-world application through internship and a final capstone project



Cooperative Education and Internships:
Students engage with corporate, industrial, and community partners through mandatory internships and cooperative education programs to gain practical experience and enhance career readiness.

Focus on Sustainable Innovation:
The program integrates design for sustainability and social impact, in alignment with global and national development frameworks (SDGs and BCG).

Design for the Future:
IPDI prepares students to anticipate future trends and challenges, and to lead innovation across industries with ethical, ecological, and user-centered solutions.

THE MASTER OF ARCHITECTURE

BUILT ENVIRONMENT



The Master of Architecture Program in the built environment is designed to cultivate individuals with expertise in environmental design across multiple levels and research capabilities in integrating knowledge from various related disciplines. It encompasses tools and proficiencies in innovative design, strategic planning, and dynamic spatial management, with a focus on comprehending social issues, cultural dynamics, diverse lifestyles, and real-world situations.

This program emphasizes a sense of responsibility towards the interplay between human-made environments and fosters the ability to synthesize knowledge about the built environment. Both in research and professional contexts, architecture serves as a conduit for understanding diverse scientific domains and can be leveraged to develop and implement environmentally conscious management practices in a sustainable manner.



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Coordination: Asst. Prof. Dr. Saithiwa Ramasoot
Email: saithiwa.r@ku.th

OUR THEMATIC STUDY

HEALTH AND WELL-BEING

This module focuses on the intersection of architecture and human health, exploring design strategies that promote physical, mental, and emotional well-being. Topics include biophilic design, healthy building materials, access to natural light and ventilation, and the creation of spaces conducive to physical activity and relaxation.



URBAN STUDIES AND PLACE MAKING

This module examines the complexities of urban environments and the role of architecture in shaping them. Students explore concepts such as urban morphology, placemaking, community engagement, and urban regeneration. They learn how to design inclusive, vibrant, and sustainable urban spaces that enhance quality of life for residents.



HUMAN CENTERED AND CO-DESIGN

This module emphasizes participatory design approaches that involve end-users in the design process. Students learn to conduct user research, engage stakeholders, and facilitate collaborative design workshops. They develop empathy-driven design solutions that respond to the needs, preferences, and aspirations of diverse user groups, fostering inclusive and socially responsive architecture.





ENVIRONMENTAL STUDIES

This module delves into the relationship between architecture and the natural environment, addressing issues such as sustainability, resource management, climate change adaptation, and ecological design principles. Students learn to integrate environmental considerations into the design process to create buildings and urban spaces that minimize environmental impact.



HERITAGE STUDIES

This module explores the heritage realm, extending beyond historic buildings and cultural heritage sites to incorporate non-human factors more comprehensively. Students engage with heritage principles, conservation and restoration techniques, heritage legislation, and the broader significance of heritage. They develop essential skills in documenting, assessing, and preserving historic fabric for future generations.



VERNACULAR AND ETHNOLOGY

This module explores traditional building techniques, indigenous architecture, and the cultural significance of built environments. Students study vernacular architecture from different regions and cultures, analyzing its adaptation to local climate, materials, and cultural practices. They learn to draw inspiration from vernacular architecture while addressing contemporary design challenges.

APPLICATION PERIOD

The application period is ongoing throughout the year
via the university system. Please visit https://www.grad.ku.ac.th/en/

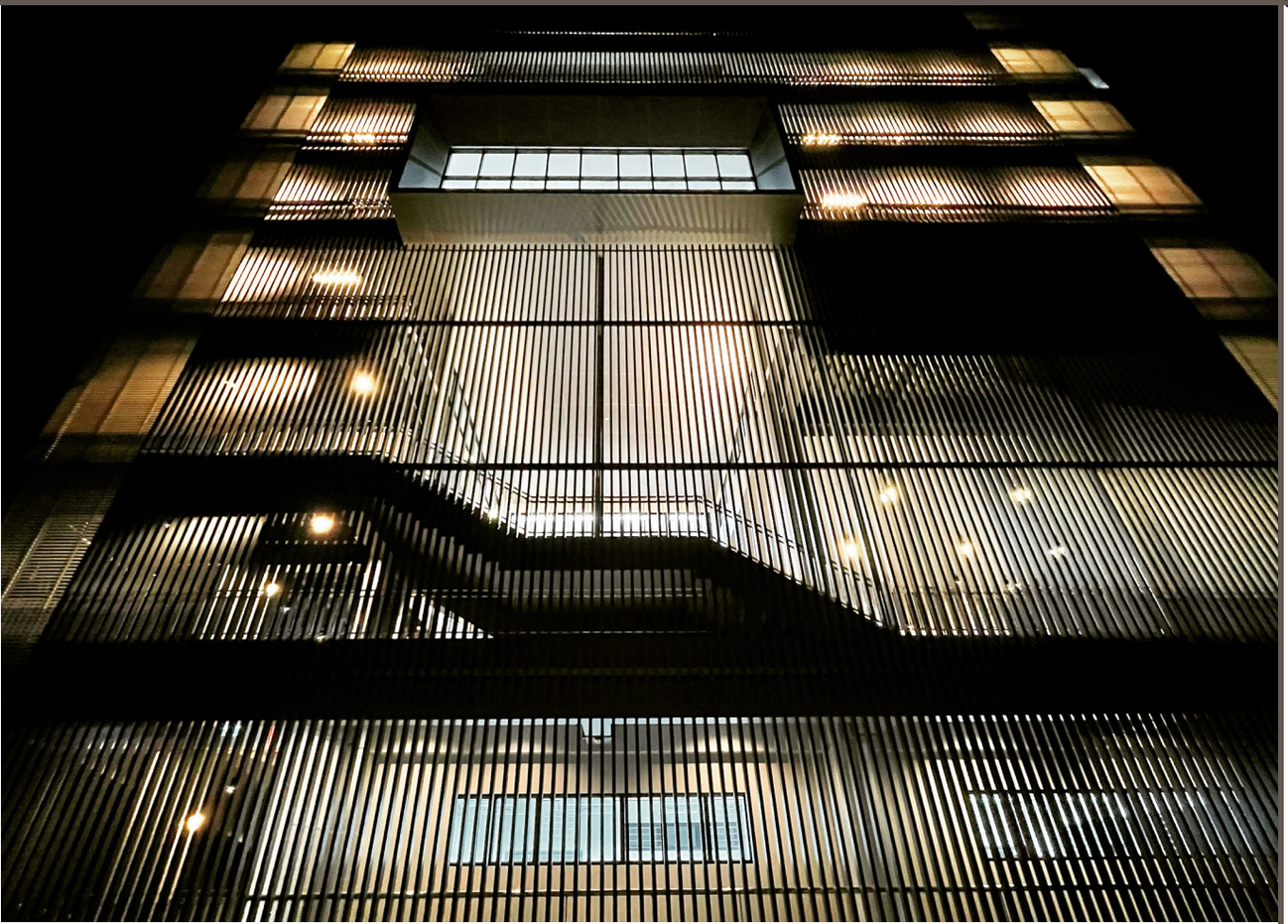
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FACULTY OF
ARCHITECTURE KASETSART UNIVERSITY
MASTER DEGREE

THE MASTER OF ARCHITECTURE

BUILDING INNOVATION AND TECHNOLOGY



We aim to produce graduates in building innovation field by providing opportunities for those who are working in the professional and educational fields in architecture and related fields to collaborate their thoughts, to study, and to exchange experiences in order to build knowledge and develop skills for using appropriate technology emphasizing in research and developing environmentally friendly design and sustainable development.



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Website: www.mbit.arch.ku.ac.th

Coordination: Assoc. Prof. Dr. Chanikarn Yimprayoon
Email: arccks@ku.ac.th

OUR THEMATIC STUDY

CLIMATE-RESPONSIVE DESIGN

This module focuses on creating buildings that respond sensitively to local climate and site conditions. Students learn to read and analyze climatic data and translate it into passive design strategies that reduce energy consumption and enhance user comfort. The approach combines scientific analysis with creative thinking to produce buildings that adapt naturally to their surroundings.



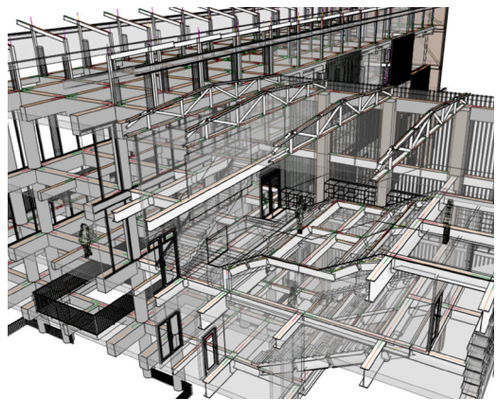
BUILDING GREENERY

Students explore how nature-based solutions can be integrated into buildings and urban environments. This includes designing green roofs and green walls to mitigate heat, improve air quality, and support biodiversity in cities. The module offers hands-on experiment designing and installation of plants on buildings. It encourages students to rethink the role of greenery as an active design element for healthier urban living.



PERFORMANCE & SIMULATION

This module develops students' ability to measure, simulate, and assess the environmental performance of buildings using digital tools. Key topics include energy use, lighting design, thermal comfort, and indoor air quality. Students gain experience with field measurement and computer modeling to optimize building design and operation.





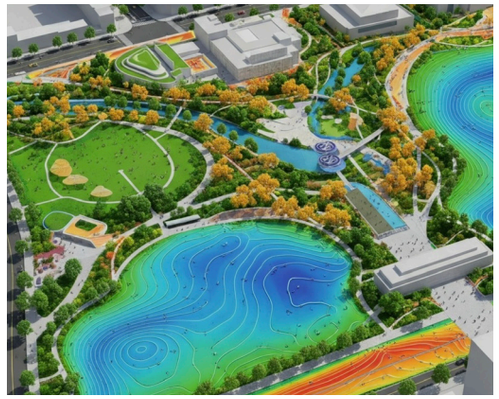
INNOVATION LAB

This module encourages students to turn ideas into tangible green building innovations. They learn how to develop, test, and refine prototypes that address energy and environmental challenges. Topics cover intellectual property, technology transfer, and strategies for bringing sustainable technologies to market. By linking creativity with business and engineering skills, graduates can lead innovation for greener built environments.



SUSTAINABLE DEVELOPMENT

This module connects sustainable design with broader project development and urban regeneration. Students learn how to balance environmental, economic, and social factors in real estate projects, community housing, and urban renewal. Through feasibility studies, case analyses, and field visits, students gain insights into real-world challenges and solutions.



GREEN OPERATIONS

Students learn how to manage, maintain, and operation according to green building criteria. This includes facility management, energy monitoring, and post-occupancy evaluation. The module covers strategic planning and cost analysis for sustainable operations. Graduates will have the knowledge to lead building operations that maximize performance and minimize environmental impact.

APPLICATION PERIOD

The application period is ongoing throughout the year
via the university system. Please visit https://www.grad.ku.ac.th/en/

IMPORTANT: The course will be given in Thai and English. English proficiency certification is not mandatory upon enrollment, but we recommend a minimum of B-level CEFR (or an equivalent) for effective communication and understanding of all courses.

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DOCTOR OF PHILOSOPHY

INNOVATIVE BUILT ENVIRONMENT

This interdisciplinary Ph.D. program focuses on research and innovation in the built environment, integrating architecture, landscape architecture, building innovation, and environmental design. It prepares scholars to respond to global environmental, urban, and societal challenges through creative, resilient, and sustainable design solutions.

We aim to build awareness of global megatrends and prepare scholars to analyze and integrate interdisciplinary knowledge for creative built environment solutions. The program develops researchers with strong skills in environmental innovation to support national strategies and the Sustainable Development Goals. Graduates apply theory and practice to create new knowledge that drives the bio-, circular, and green economy, leading to sustainable and resilient environments for the future.



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Email: Kantitut.t@ku.th

KEY THEME

PLACE-MAKING AND CULTURAL LANDSCAPE CONSERVATION

ENVIRONMENTAL AND **LANDSCAPE PLANNING**

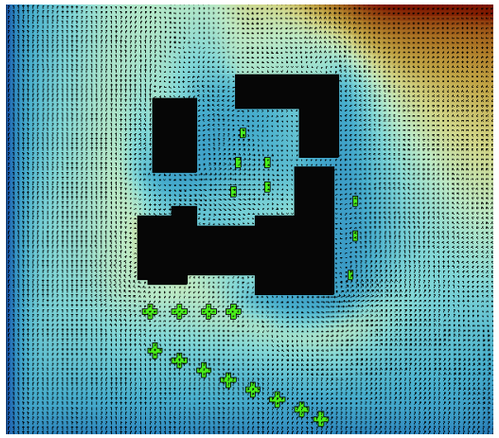
SUSTAINABLE BUILT ENVIRONMENT AND GREEN BUILDING INNOVATION

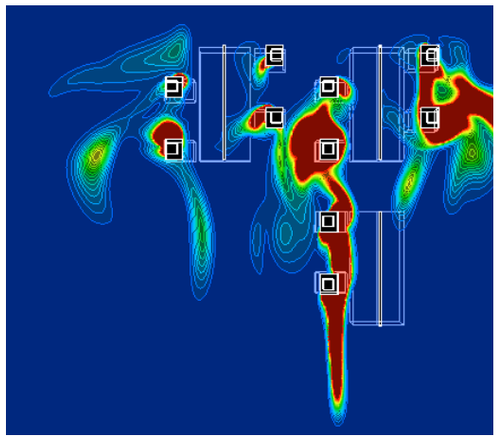
CLIMATE RESILIENCE AND **ECOLOGICAL DESIGN**

BLUE-GREEN INFRASTRUCTURE IN URBAN AND NATURAL CONTEXTS

TRANSDISCIPLINARY RESEARCH AND **INNOVATION**

WHY CHOOSE THIS PROGRAM?





INTERDISCIPLINARY AND FUTURE-ORIENTED

The program blends architecture, environmental design, technology, and landscape planning—enabling students to address complex urban and environmental challenges across scales, from buildings to ecosystems.

FOCUS ON SUSTAINABLE AND RESILIENT DESIGN

Key topics include energy efficiency, climate adaptation, environmental and community well-being, and context-sensitive planning—fostering innovation in both natural and built environments.

INTEGRATED THINKING ACROSS SCALES

Research encourages holistic perspectives, encompassing public spaces, green infrastructure, water-sensitive design, neighborhood planning, and regional development strategies.

GLOBAL ALIGNMENT AND RELEVANCE

The curriculum aligns with the UN Sustainable Development Goals (SDGs), Thailand's BCG Economy Model, and national strategies for resilience, sustainability, and innovation.

EMPHASIS ON RESEARCH IMPACT

Students are trained to produce original knowledge through critical inquiry, practical experimentation, and strategic thinking—yielding outcomes that inform policy, design practice, and community well-being.

SUPPORTIVE ACADEMIC ENVIRONMENT

Led by faculty with international experience, the program offers opportunities for cross-disciplinary collaboration, international publication, and engagement with real-world challenges.





APPLICATION PERIOD

The application period is ongoing throughout the year via the university system.
Please visit https://www.grad.ku.ac.th/en/

IMPORTANT: The course will be given in Thai and English. English proficiency certification is not mandatory upon enrollment, but we recommend a minimum of B-level CEFR (or an equivalent) for effective communication and understanding of all courses.

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INTERNATIONAL **COLLABORATIONS**

The Faculty of Architecture at Kasetsart University offers international students unique opportunities to study in a vibrant academic environment rooted in cultural heritage, sustainability, and design innovation. The program emphasizes hands-on learning through fieldwork, workshops, and community-based projects, allowing students to engage directly with local and regional contexts. With access to expert faculty, interdisciplinary research, and strong global networks, students gain skills to address real-world challenges in architecture and the built environment. This opportunity is ideal for those seeking to combine academic excellence with practical experience in Thailand and the wider region.

we believe that intellectual resources should not be limited by cultural boundaries, and an exchange of expertise and experiences greatly enriches learning development of faculty members and students alike. At the same time, we realize that thinking globally and meeting international standards while having strong fundamentals of traditional and local wisdom is an important key in today's education and professional practice. Therefore, we value and pursue active connections and collaborations with international institutions in Asia and other continents, in accordance with upcoming changes in architectural professional practice and services as a result of the General Agreement on Trade in Services (GATS) and Kasertsart's and national policies in response to Thailand's membership in the ASEAN Community. In addition to increasing practical use of English in regular courses for Thai students, we strongly encourage participations of foreign students and professors in our community through diverse programs and activities.





INBOUND EXCHANGE PROGRAM AT KASETSART UNIVERSITY

AKU offers exchange programs for a limited number of current undergraduate and graduate students from partner institutions with an academic collaborative agreement with the Faculty or with Kasetsart University. Exchange students have an opportunity to study and collaborate with AKU professors and Thai students in regular courses and special programs such as workshops and fieldtrips, while gradually learning built environment in the cultural context of Thailand first-hand. Course lessons provided for exchange students are specially given in English or Thai with English language translation. Program duration is up to one academic year. Study program and course list may be customized based on student's interests and requirements from home university. Registered credits can be transferred to exchange student's home university upon program completion. As a member of our community, exchange students receive a range of support and services including eligibility for on-campus accommodation at the Kasetsart University International College (KUIC) and access to university facilities.

For research students, a prior approval of research proposal and research plan by an AKU professor is required. Application materials should be submitted at least six months prior to the beginning of the expected change program period.

OUTBOUND EXCHANGE PROGRAM AT FOREIGN INSTITUTIONS

AKU Students at all degree levels are encouraged to enhance their academic and professional perspectives as well as cultural and life experiences through exchange programs abroad especially at our partner institutions. Study credits earned during the exchange program may be transferred towards students' regular study program. Graduate students may benefit from this opportunity to work closely with a foreign professor whose specializations match their interests in the data collection and development of their research.

Applicants must have adequate language capability, good academic performance and other qualifications according to scholarship and host institutions' requirements. Students may apply for full or partial scholarships from Kasetsart University, the Faculty of Architecture foreign institutions and/or financial support from third-party Thai or international organizations.

EXAMPLES OF **COURSES OFFERED** IN THE PROGRAM INCLUDE:

- Aesthetics of Vernacular Architecture and Landscape
- Art, Architecture and Community
- Scrap Design
- Building Environment Evaluation
- Special Problems (Individual Study)
- Design for Tropical Climate
- Sustainable Architectural Design
- Ecological Planning
- Sustainable Design
- Landscape Architectural Design
- Thesis proposal
- Cultural Heritage Theory & Advanced Cultural Heritage Theory

RESEARCH AND CENTERS OF **EXCELLENCE**

Kasetsart University has enforced a policy that encourages an establishment of centers of excellence as research and academic centers for the advancement and services of specific areas of knowledge. Based on our expertise and interest, AKU has initially founded two centers of excellence at our facility: Center of Academic Research and Academic Services (CARAS) and Center of Building Innovation and Technology (CBIT), as follows:



CBIT

CENTER OF BUILDING AND INNOVATION TECHNOLOGY

CBIT was established in AKU in 2010 as a research and academic service center that works in parallel with MBIT, Master Degree program in Building Innovation and Technology, by sharing knowledge and human resources. CBIT's range of work covers 3 areas as follows: responsive innovation for the building industry and creating networks of businesses for developing innovations from research collaboration.

Technical Services, offering convenient facilities for technical and engineering support for researchers and companies, and providing laboratories and services with qualified technicians for building-related assessments including:

1. TEST STRENGTH OF MATERIALS
2. ASSESSMENT MATERIAL CONDUCTIVITY
3. TEST ACOUSTIC PROPERTIES OF MATERIALS
4. FACILITIES FOR RAPID PROTOTYPING

Green Design and Consultation, consisting of design services for achieving green and sustainable architecture, consultation and certification of energy and environmental performance of building projects, as well as technology-transfer of and public training on building innovations

CONTACT ADDRESS For further information and inquiries, please contact cbit.lab.ku@gmail.com

CARAS

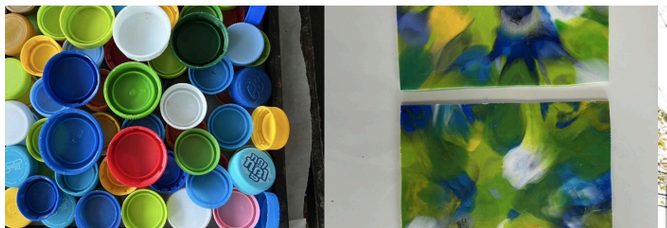
CENTER OF ARCHITECTURAL RESEARCH AND ACADEMIC SERVICES

In order to fully harness AKU's expanding applied research and technology base, the University has established CARAS as a new stand-alone, research and academic service center. The operation of CARAS focuses on solving real-world problems through multi-disciplinary research collaborations within the University's increasingly talented applied and basic research units, and outside specialists such as government, private sector and industry partners in the international and local organizations. The Center aims to be the leading design and research institution providing value-driven, real-world solutions, which will enable AKU to acquire, manage, and execute educationally relevant and ecnomically sound research and academic service projects. That vision is based on the Center's core values of respect for the environment, all individuals' health, creativity and innovation, and service excellence delivered to valued clients in public and real estate sectors.

CARAS'S PRINCIPAL MISSION IS TO SOLVE COMPLEX ISSUES IN ENVIRONMENTAL AND ENERGY CONSERVATION THROUGH INNOVATIVE APPROPRIATE-TECHNOLOGY, COOPERATIVE RESEARCH AND ENTREPRENEURSHIP IN THE AREAS OF ARCHITECTURE, LANDSCAPE ARCHITECTURE, PLANNING, BUILDING TECHNOLOGY, CONSTRUCTION AND REAL ESTATE.

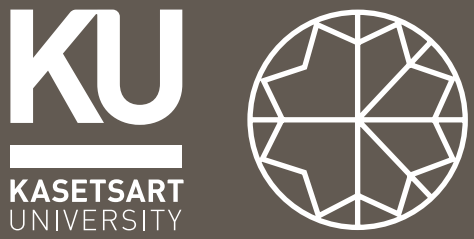
In carrying out this mission, the Center is committed to providing design, consultancy, and training for "Green" projects in attempt to minimize the negative impact to the environment.











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