



AIT
Asian Institute of Technology

One-Year Master's in **Urban Sustainability Planning and Design**

The Master's program in **Urban Sustainability Planning and Design** aims to develop the expertise and leadership of professionals in urban planning and design with a strong emphasis on evaluation and application of sustainability. Through place-based and holistic approaches, the program covers urban systems planning and design for multi-scale (incl. metropolitan and building), cross-sector (e.g., ecology, energy, material and waste, water, climate, health, food, and mobility), and multi-agent decision making, in support of integrated, evolutionary and transformational change towards sustainability.

The participants will acquire the knowledge and develop the necessary skills through applications with advanced technology and design tools for enhancing capacity, also in specific themes, e.g., ageing society, smart communities, healthy and inclusive cities, that are essential to sustainability planning and design processes relevant in the Asia-Pacific region and worldwide.

APPLY
NOW!



USPD Program Highlights

- A unique blend of trans-disciplinary of systems planning and design, to cope with emerging urban sustainability's needs, challenges and opportunities
- Opportunities for international exchange, joint research and internship, in both public and private sectors as well as professional networks
- The program is well-regarded and connected internationally by donor agencies, governments, professional associations and industries
- Small-group settings to work closely among international faculty and students from across the region
- Strong support in study and English proficiency in our vibrant, international, multi-cultural, and welcoming community

Sustainable development is an integral part of our program. The key Sustainable Development Goals addressed by the USPD program are:



What you'll study

The curriculum includes a core of required courses, laying the foundation of urban systems planning and design fields, with a diverse selection of electives. Combined, these courses link knowledge and practice with skills and fundamental theories.

A minimum of 30 credits over 2+ semesters is required to complete the program.

Requirements	Credits
Core (required) courses	12
Electives	15-18
Research (optional)	3
Total credits	30

- Urban Sustainability Design – Concepts and Practices
- Smart Energy Buildings
- Urban Environmental Management Systems
- Climate Compatible and Sustainable Infrastructure Development
- Urban Planning and Built Environment
- Population and Health for Sustainability Planning and Design
- Water-Energy-Food Nexus
- Building Information Modelling and Systems
- Urban Resilience Assessment
- Urban Geography and Spatial Analysis
- Urban Landscape and Sustainable Tourism

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Admission information

Entry requirements

- 1 Hold a minimum 3-year undergraduate in any relevant fields
- 2 Official Degree Certificate and Transcript
- 3 Minimum English entry requirement IELTS 5.0 or equivalent

AIT is providing the English Bridging Program to help students prepare for graduate study conducted in English. (The Bridging Program is limited to candidates who are nominated by the Schools.)

Who should apply

Both young professionals and fresh graduates from fields relevant to sustainability and environmental sciences, urban planning and design, architecture and engineering, geography, and natural and social sciences.

Tuition & Fees

Total tuition: 480,000 Thai Baht

Registration fee: 20,000 Thai Baht/semester

For further information, please visit <https://www.ait.ac.th/admissions/scholarships/>


Admission deadlines


July 10 for August semester, **December 10** for January semester

Contact us

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