

Graduate School of Global Digital Innovation

ITTP Homepage:
<https://gdi.kaist.ac.kr/>

ITTP Office:
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■ Overview

The Graduate School of Global Digital Innovation(GDI) aims to enhance Korea's reputation for excellence in ICT related international education through the continued internationalisation of the education, training and research sectors. There are two tracks in GDI; Global IT Technology Program(ITTP) and Global Technology Innovation Program(GTIP).

The objectives of the ITTP are to contribute to the implementation of Government policy priorities, by increasing international research and education engagement between Korea and priority countries in key fields of ICT, research and innovation. The ITTP offers achieving individuals from Korea and overseas the opportunity to develop their knowledge and expertise and build institution-to-institution connections and create the next generation of global ICT leaders across a wide variety of professional ICT fields.

GTIP aims to cultivate sustainable global technology innovation leaders through the convergence of technology, entrepreneurship, policy, and R&D and enhance K-Tech's international reputation. This program equips students with the skills and knowledge needed to navigate the rapidly changing technological landscape and prepares them to excel in their chosen fields. It educates students to find innovative solutions to real-world challenges, enhancing their career prospects and providing valuable insights into the global technology industry.

■ Academic and Research Activity

- Provide customized training curricula for government officials, researchers of national institutions and national universities on ICT sector. (Information communication technology and policy training)
- Development and establishment of specialized courses and technical business details and conference to promote international collaboration
- Developing practical problem-solving skills through industry-academic cooperation activities with Korean ICT companies and institutions

Introduction of Academic Degree Program

■ Academic Degree Program

GDI offers a customized master's and doctoral degree program for government officials, employees of public institutions or senior-level researchers at national research centers working in the IT fields of emerging countries. With optimum curriculum for international collaboration and technology commercialization, ITTP cultivates people of talent retained with professionalism in enterprise performance.

After admission, students chose the major (management / engineering) based on their interest and wish. For doctoral program, advisor will be assigned and for masters' program, director of ITTP will help students in academic and overall campus life in KAIST. In addition, students are encouraged to focus on their research activities, participate international conferences at Korea and abroad to lay one's achievements to the academic world.

○ Master's Program

- Throughout 4 semesters, students should successfully complete 47 credits of coursework to fulfill the graduation requirement.
- ITTP offers Thesis-Master & Coursework (Non-thesis) Master
- For Thesis-Master, students will be assigned an advisor and placed in KAIST lab. As an achievement of intensive and creative research activities, students are asked to submit Master's dissertation as an graduation requirement.
- For Coursework Master, Director of ITTP will be assigned as an advisor and will be placed in ITTP Lab. Students will participate in regular lab meeting and seminar to develop ideas needed in their country. As an achievement of the research, students are asked to present and submit Country Report as an graduation requirement.

○ Doctoral Program

- Throughout 6 semesters, students should successfully complete 77 credits of coursework to fulfill the graduation requirement.
 - Students must pass Qualifying Examination within 3rd semester,
 - For Ph.D, students will be assigned an advisor and placed in KAIST lab. As an achievement of intensive and creative research activities, students are asked to submit Doctoral dissertation as an graduation requirement.
 - Publication Requirement: International or demestic Journal other than SCI/SSCI, publication is necessary; SCI/SSCI level journal, submission is necessary.
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