

Graduate School of Engineering

Department of Architecture

Diploma Policy

1. The master's program in the Department of Architecture aims to train researchers, engineers and architects with a high level of expertise and knowledge of ethics. It also aims to create researchers who are highly professional and hold an international perspective. Successful candidates will have attended courses for a specified period and have acquired the necessary credits in the Department of Architecture. Those who have passed a final examination on their master's degree thesis, or a final examination on the outcome of a specific piece of research, will receive a master's degree (Master of Engineering).

A graduating student will acquire the following abilities:

- (1) Advanced expertise relating to the field of architecture.
 - (2) The ability to use expertise acquired in science, technology and art in the field of architecture; in order to discover, analyze and solve problems.
 - (3) The ability to solve problems in practical fields by utilizing expertise in architecture and related fields.
 - (4) The ability to be active with an international perspective based on the high level of specialist knowledge, research skills and knowledge of the liberal arts acquired in the field of architecture.
2. The doctoral program in Architecture aims to train researchers who have excellent creativity in research and development; and play a central role in research and educational institutions. A doctoral degree (Doctor of Engineering) is accredited and awarded to those who have attended courses in the program for a specified period, who have acquired the necessary credits for the department of architecture, had their doctoral dissertation recognized as having reached the standard required, passed a consequent examination, and an examination of general academic ability.

A graduating student will acquire the following abilities:

- (1) Advanced expertise relating to the specialist field of architecture.
- (2) The ability to conduct independent research activities as a researcher in the field of architecture.
- (3) The ability to discover, analyze and solve issues based on flexible thinking, deep insight and the highly sophisticated level of expertise and ability to conduct research acquired in the Department of Architecture.
- (4) The ability to be active with an international perspective in fields requiring specialization based on the highly sophisticated level of expertise and research skills acquired in the Department of Architecture and related fields.
- (5) The ability to conduct research activities based on the premise of adding new knowledge to the field of architecture and contributing to the progress of culture.

Curriculum Policy

1. In the master's program, the curriculum is based on courses in the liberal arts, basic academic ability and expertise in research gained in undergraduate study; and organized so as to realize the purpose set for the Department of Architecture, through specialist courses, courses in the liberal arts, and research guidance. In addition to the former, the curriculum is organized to provide the ability to think from a broad perspective and foster the ability to conduct research and development that requires a high degree of expertise.

- (1) In order to acquire more advanced specialist knowledge in the field of architecture; special lectures, experiments and seminars are taught in a focused and effective manner.
 - (2) Courses in the liberal arts not only foster the purpose of attaining of a broad academic knowledge of the field of study, but also support, the attainment of better communication skills, a deeper understanding of ethics, and a greater sense of global literacies.
 - (3) Master's research helps the acquisition the knowledge and experience necessary to conduct research through understanding of the literature and discussions with supervisors. Moreover, master's research helps students to develop such skills as: the ability to communicate research; to problem-solve; and to foster researchers, architects, or engineers, with an international perspective.
2. The doctoral program is based on the advanced ability to expand on the knowledge about research and development in the field of architecture that was acquired up to master's program level. In addition, the doctoral program develops graduates with the ability to conduct high level, creative research in fields related to architecture.
- (1) Doctoral research helps the acquisition of the knowledge and experience necessary to conduct research in the field of architecture through understanding of the literature and discussions with supervisors. Moreover, doctoral research helps students to develop such skills as: the ability to communicate research; to problem-solve; and to foster independent researchers, architects, or engineers, with an international perspective both at home and abroad.
 - (2) Courses in the liberal arts are available which support the high degree of academic knowledge and practical ability necessary for students to carry out research and development as independent researchers, architects, or engineers.
 - (3) The curriculum is designed to meet diverse learning needs by enabling students to take courses in other graduate schools and other majors; and providing opportunities for interdisciplinary learning and cross-disciplinary exchange.

Admissions Policy

The educational research philosophy of the university is based on the meritocratic tradition.

1. The master's program is based on the basic academic ability and wide range of liberal arts acquired in the bachelor's degree program. The aim is to acquire the necessary skills for those with the intent to discover and solve problems through research in the specialist fields of architecture. The master's degree program seeks those who are willing to become an architect or engineer, working in collaboration with a diverse range of people.
2. The doctoral program is based on the expertise in research acquired up to master's program level. The doctoral program seeks those who are willing to independently conduct creative research and acquire the ability to put into practice the advanced specialist knowledge they possess in the field of architecture.
3. The university seeks those who are motivated to use their specialist knowledge for the betterment of society from an international perspective.

Evaluation methods for the types of abilities required for the admissions policy in differing entrance examinations:

(General entrance examination)

The university seeks those who have the professional knowledge, English ability, thinking skills and communication skills commensurate with the characteristics of the major; and those who have the determination to conduct independent research. In the master's program, candidates will be selected through an examination of documents submitted, written examinations (specialist subject, foreign language) and through interview. In the doctoral program, candidates will be selected through an examination of documents submitted, written examinations (specialist subject, foreign language). Candidates are further chosen on the basis of an oral examination of their master's thesis.

(Recommendation entrance examination)

In the master's program the university seeks those who have the professional knowledge, English ability, thinking and communication skills commensurate with the characteristics of their major; and those who have the determination to conduct independent research. Candidates will be selected by an examination of documents submitted and interview.

(Special selection for working people, foreign student entrance examination)

The university seeks those who have acquired experience in medical research institutes or companies, have a positive attitude toward learning, and/or have skills acquired abroad. In the master's program, candidates will be selected through an examination of documents submitted, written examinations (specialist subject / foreign language) and interview. In the doctoral program, candidates will be selected through an examination of documents submitted, written examinations (specialist subject / foreign language).