

「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

Course Guide

【1. Outline of the Course】

|                   |   |
|-------------------|---|
| ① Course          | Education and Research on Electrical Engineering and<br>Computer Science Techniques Contributing to Society 5.0<br>(Ph.D. Program, 3 years) |
| ② Degree          | Ph.D.   |
| ③ Graduate School | Graduate School of Natural Science and Technology   |
|                   | (Address) Kakuma-machi Kanazawa ISHIKAWA  |
| ④ Division        | Division of Electrical Engineering and Computer Science   |

## 【2. Contents of the Course】

### I. Aim of EECS5 Program

Graduate School of Natural Science and Technology, Kanazawa University will set up “Program for Education and Research on Electrical Engineering and Computer Science Techniques Contributing to Society 5.0 (EECS5 Program)” from 2019. The aim of EECS5 Program is to educate students in the Ph.D. course to become professionals that can work throughout the world. The students study mainly IoT, Cybersecurity, AI, Big Data, Data Science and other Electrical Engineering and Computer Science techniques.

### II. Curriculum of EECS5 Program

- 1) **Quota:** 3 MEXT scholarship students, 3 privately financed foreign students, 2 Japanese students; 8 students in total.
- 2) **Screening:** The MEXT scholarship students are all screened, and the selected students are accepted as students of the EECS5 Program. Privately financed foreign students and Japanese students are screened and accepted as regular students. After joining the graduate school of Kanazawa University, the regular students can apply for the EECS5 Program. The applicants are screened, and the selected students are included in the EECS5 Program. Foreign students can get information about Japan and Kanazawa University through the university website.
- 3) **Official Language:** English  
Lectures that the EECS5 Program students take are given in English. Student research projects are directed and advised by professors in English.
- 4) **Requirements for Completing EECS5 Program:**
  - Get credits by taking courses in the Regular Program.
  - Give a presentation at an international conference.
  - Publish research papers, including a substantial part of the Ph.D. thesis, in a peer-reviewed journal edited in English.
  - Give a Ph.D. defense in English.
  - Pass an examination of the Ph.D. thesis.
- 5) **Certificate of EECS5 Program:**  
EECS5 Program students who satisfy the requirements receive a certificate of EECS5 Program, as well as the Ph.D. diploma.

### III. Advising Students Research Projects and Examination of Ph.D. Thesis

If the student finds an advisor before enrolling in the Ph.D. course, s/he can receive preliminary advice through the internet. (After the enrollment, one main advisor and two vice-advisors direct and advise the student research project. A committee consisting of five professors examines the Ph.D. thesis.)