

# Program Guideline

## 1. Outline

Program	Human Resource Development Program for Locally Producible and Usable Sustainable Energy and Energy Storage (LocZEE program) (Master's Program, 2 years, or Doctoral Program, 3 years)
Degree	Master or Doctor
Graduate School and Division	<p>Graduate School of Frontier Science Initiative (Master's / Doctoral Program)</p> <p>Division of Transdisciplinary Sciences Division of Nano Life Science</p> <hr/> <p>Graduate School of Natural Science and Technology (Master's Program)</p> <p>Division of Mathematical and Physical Sciences Division of Material Chemistry Division of Mechanical Science and Engineering Division of Frontier Engineering Division of Electrical, Information and Communication Engineering Division of Geosciences and Civil Engineering Division of Biological Science and Technology</p> <p>Graduate School of Natural Science and Technology (Doctoral Program)</p> <p>Division of Mathematical and Physical Sciences Division of Material Chemistry Division of Mechanical Science and Engineering Division of Electrical Engineering and Computer Science Division of Environmental Design Division of Natural System</p>

## 2. Contents of the Program

### I. Aim of LocZEE Program

The two graduate schools of Kanazawa University have set up Human Resource Development Program for Locally Producible and Usable Sustainable Energy and Energy Storage (LocSEES program), from 2020. And in 2025, its successor, Human Resource Development Program for Locally Producible and Usable Zero Emission Energy (LocZEE program), will be established. Through the program we will develop human resources for solar cells, biomass power generation

and storage using innovative organic materials. The aim is to realize a low-carbon society, by local production / consumption and zero emission energy supply. The students study mainly Chemistry, Energy-related chemistry, Energy-related material sciences, and Nano-sciences.

## II. Curriculum of LocZEE Program

### 1) Quota

Master's program: 6 persons

(The breakdown for the total is 2 MEXT Scholarship students, 2 privately financed foreign students, and 2 Japanese students.)

Doctoral program: 8 persons

(The breakdown for the total is 3 MEXT Scholarship students, 3 privately financed foreign students, and 2 Japanese students.)

### 2) Screening A: The MEXT scholarship applicants are all screened, and the passed students are accepted as students of the LocZEE Program.

Screening B: Privately financed foreign students and Japanese students can apply for the LocZEE Program after the entering the graduate school of Kanazawa University as regular students. The applicants are screened, and the passed students are included in the LocZEE Program.

### 3) Official Language: Mainly in English

All the lectures in the LocZEE Program are given in English. Student research projects are directed and advised by professors in English.

### 4) Requirements for Completing LocZEE Program: As shown in the attached sheet.

### 5) Certificate of LocZEE Program:

The LocZEE Program students who satisfy the requirements receive a certificate of Program as well as the diploma.

## 3. Note

### 1) Obtain the consent of your supervisor before applying for the program.

### 2) For inquiries about the program, please contact the following.

Graduate School of Frontier Science Initiative Affairs Section,

Student Affairs Division, Student Affairs Department

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