

「The International Priority Graduate Programs (PGP)」

~Advanced Graduate Courses for International Students~

Course Guide

【1. Outline of the Course】

① Course	Program for Biologists and Bioengineers who Leads Nature-Positive Society with a Special Emphasis on Co-Creation (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 Biological Science and Technology Division of Frontier Engineering

## 【2. Contents of the Course】

### I. Aim of Nature-Positive Program

Graduate School of Natural Science and Technology, Kanazawa University will start “Program for Biologists and Bioengineers who Leads Nature-Positive Society with a Special Emphasis on Co-Creation (Nature-Positive program or simply N-P program)” from 2024.

The aim of N-P program is to educate Ph.D. students to become professionals of advanced biology and bioengineering so that they will lead the nature-positive society in all over the world. The students will study in the field of Bioscience and Biotechnology at Kanazawa University, which is characterized by a wide range of biological and bioengineering research, marine and fisheries biological resources, biodiversity, biorefineries. To provide an interdisciplinary and international "co-creation" where various stakeholders gather to discuss each student's research project, and to develop Ph.D researchers with advanced facilitation skills and project promotion capabilities, in addition to their research skills.

### II. Curriculum of Nature-Positive Program

- 1) **Quota:** 5 MEXT scholarship students, 5 privately financed foreign students, 2 Japanese students; 12 students in total.
- 2) **Screening:** The MEXT scholarship students are all screened, and the selected students are accepted as students of the N-P 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 this program. The applicants are screened, and the selected students are included in this program. Foreign students can get information about Japan and Kanazawa University through the university website.
- 3) **Official Language:** English  
Lectures that the N-P Program students take are given in English. Student research projects are directed and advised by professors in English.
- 4) **Requirements for Completing Nature-Positive Program:**
  - Get credits by taking courses in the Regular Program based on the classification of the N-P 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 Nature-Positive Program:**  
The N-P Program’s students satisfying the requirements receive a certificate of N-P Program, as well as the Ph.D. diploma.
- 6) **Highlights:**  
Students of the N-P program can get deeper skills and knowledge associated with the co-creation and also get to know about people working in the field by participating in events, ex educational/technical meeting/workshop. Regular N-P meetings are organized, too.

### 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 student research project. A committee consisting of five full/associate professors examines the Ph.D. thesis.)