

GUIDELINES FOR APPLICANTS (2022)
to the Course for the development of global human resources in
multidisciplinary sciences of mathematics and physics
in the GS leading program
at the Graduate School of Natural Science and Technology
Kanazawa University
(First year doctoral students at the Graduate School of Natural
Science and Technology)

【Purpose of the course】

Graduate school of Natural Science and Technology, Kanazawa University sets up “the course for the development of global human resources in multidisciplinary sciences of mathematics and physics”. The aim of this program is to educate doctoral students to become professionals that can apply computational science and its background fields, mathematics and physics, to related fields in natural science and technology. The students in this course will gain a wide perspective and will be able to work both in academia and in industry.

【Outline of the course】

A student needs to take special lectures in this program as well as regular lectures in the division in which he/she is enrolled.

1. Divisions and the number of available positions

Division	Quota
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	10

2. Qualifications

- ① A student is a first year doctoral student who is enrolled in the Graduate School of Natural Science and Technology on 2022/4/1.
- ② A student needs to have a strong will to complete this course and can carry out overseas activities and activities in the fields which are different from his/her major field.
- ③ Academic score needs to be excellent and a student needs to have a high quality and ability of research. The student needs to have a broad knowledge in mathematical and physical sciences.

3. Application procedure

(1)Application documents (Download documents ①～⑤ from the web site indicated below)

①Application form (Form 1) ②Reason for application (Form 2) ③Acceptance letter written by the supervisor (Form 3) ④Research plan (Form 4) ⑤Publication list (Form 5) ⑥Official academic transcripts in your Master program and Bachelor course. ⑦Certificate of official language qualifications such as TOEFL, TOEIC and IELTS(If the applicants do not have scores, evaluation by the supervisor or another certificate of English ability is accepted).

※Web site: <https://www.nst.kanazawa-u.ac.jp/admission/gsl.html>

(2)Deadline 2022 / 4 / 18 16 : 30

(3)The documents must be submitted to Admission Affairs Section indicated below.

Admission Affairs Section
Science and Engineering Administration Department
Kanazawa University

4 . Selection

The selection is based on submitted documents.

5 . Announcement of the results of the selection

The results of selection will be announced in end of May. ※It is possible that the number of selected applicants will be less than the quota above.

6 . Benefits after the enrollment in this course

- ① We plan that expenses for overseas training are reimbursed.
- ② A privately financed student who is enrolled in this course will be given a preference on the scholarship candidate selection in Kanazawa University. (This is limited to the students who have the required qualifications for application of the scholarship.)

(Note) This program does not provide scholarship to the students who are selected in this recruitment.

7 . Requirements for completing the course

More than 15 credits	Compulsory lectures in this course 4 credits	① Research in Interdisciplinary Field A: 1 credit (Compulsory) ② Research in Interdisciplinary Field B: 1 credit (Compulsory) ③ Overseas training: 1 credit (Compulsory) ④ International Presentation: 1 credit (Compulsory)
	More than or equal to 11 credits from lectures in the division to which the student belongs	
Pass a final examination for this course		
Publish research paper(s), including a substantial part of the doctoral thesis, in a peer-reviewed journal edited in English (or another European language)		
Pass an examination of the doctoral thesis and other requirements for the completion of the doctoral course		
Satisfaction of the criteria for English proficiency specified separately.		

(Note) In Research in Interdisciplinary Field (A and B), a student conducts a research in a laboratory that is different from the one to which he/she belongs. In Research in Interdisciplinary Field A, this course introduces a laboratory which is related to Institute for Frontier Science Initiative. In Research in Interdisciplinary Field B, a student conducts a research in a laboratory in Japan or another country. See the course guide for more details.

8 . Information

For further information, please use the contact below:

Graduate School Affairs Section
 Science and Engineering Administration Department
 Kanazawa University
 Kakuma-machi, Kanazawa, 920-1192, Japan
 Email: s-daigakuin@adm.kanazawa-u.ac.jp