Course Number	06028

2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

<table>
<tr><td>①University Department</td><td colspan="4">Graduate School of Natural Science and Technology, Kanazawa University</td></tr>
<tr><td>②President</td><td colspan="4">HAYASHI Yujiro</td></tr>
<tr><td>③Address (Headquarters)</td><td colspan="4">〒920-1192　Kakuma-machi Kanazawa ISHIKAWA</td></tr>
<tr><td rowspan="3">④Contact</td><td>Division</td><td colspan="3">Manager of Student Affairs Division, South Branch Office, Kanazawa University</td></tr>
<tr><td>Contactperson's Name</td><td>YOKOYAMA Takeshi</td><td>e-mail</td><td>s-gakin@ad.kanazawa-u.ac.jp</td></tr>
<tr><td>TEL/FAX Number</td><td colspan="3">TEL:+81-76-234-6823　　　FAX:+81-76-234-6844</td></tr>
<tr><td>⑤Web-Address</td><td colspan="4">http://www.kanazawa-u.ac.jp/</td></tr>
<tr><td>⑥Enrollment (only GraduateSchool)</td><td colspan="4">224　（include MEXT Scholarship Students：85 ）</td></tr>
</table>

【2. Outline of the Course】

<table>
<tr><td>①Course</td><td colspan="2">International Interactive Special Education Program</td></tr>
<tr><td>②Degree</td><td colspan="2">Doctoral Course （3Years）</td></tr>
<tr><td rowspan="2">③Graduate Course, Department</td><td colspan="2">Division of Life Sciences, Graduate School of Natural Science and Technology</td></tr>
<tr><td colspan="2">（Address）　Kakuma-machi Kanazawa ISHIKAWA</td></tr>
<tr><td>④Collaboration (Universities, Graduate courses, Departments)</td><td colspan="2">Division of Mathematical and Physical Sciences,
Division of Electrical Engineering and Computer Science,
Division of Innovative Technology and Science,
Division of Material Sciences and
Division of Environmental Science and Engineering</td></tr>
<tr><td>⑤Quota</td><td colspan="2">Foreign Students 10（include MEXT Scholarship Students： 5）
Total Students 20 （include Japanese Students： 10）</td></tr>
<tr><td>⑥Faculties</td><td>296</td><td>（Full-time(only for this course)：266
Full-time(at the department offering this course)：17 Parttime：13　）</td></tr>
<tr><td rowspan="2">⑦Representative of the Course</td><td>Job Title</td><td>Dean of Graduate School of Natural Science and Technology</td></tr>
<tr><td>Name</td><td>TSUJI Akira</td></tr>
</table>

I. Aim of IISE Program

Graduate School of Natural Science and Technology, Kanazawa University will set up "International Interactive Special Education Program (IISE Program)" from April 2007. An aim of IISE Program is to educate students in the doctor course to have sophisticated abilities of international communications and collaborations. This program makes a point of interactive and practical trainings, including communications between foreign students and Japanese students, participating international projects and international seminars, and writing and presenting research achievements at international conference in English.

II. Curriculum of IISE Program

A flowchart from the entrance to the graduation is shown in the next page.

1) **Quota:** Monbukagakusho scholarship students: 5, Privately financed foreign students: 5, Japanese students:10, Total quota: 20

2) **Screening:** The Monbukagakusho scholarship students are all screened, and the selected students are accepted as students in IISE Program. Privately financed foreign students and Japanese students are screened and accepted as regular students. After joining the graduate school of Kanazawa university, students, who want to apply IISE Program, are screened, and the selected students are included in IISE Program. Foreign students can take the screening test before they come to Japan. Furthermore, they can get necessary information about Japan and Kanazawa university through the university website.

3) **Special Curriculum of IISE Program**

- *Advanced Scientific and Engineering English* (1st year): Practical education is offered aiming to promote abilities of taking courses in English, writing papers and presenting research achievements in English, and debating with foreigners.

- *International Communication Exercise* (1st and 2nd years): This course consists of symposiums, where students present their research results, meetings, where students discuss about some topics, hearing some tutorial lectures. Official language is English. This course is open to other students, professors, visiting researchers and foreign students enrolled in the other programs.

- *International Project Exercise* (2nd and 3rd years): This course is based on participating international schools and seminars, and international cooperative research groups. Through these practical experiences, highly sophisticated international human resources are grown up.

4) **Official Language:** English. All the courses, which IISE Program students take, are provided in English. Research of the students are directed and advised in English.

5) **Requirements for Completing IISE Program**

- Get credits by taking courses in IISE and Regular Programs.
- Present the technical paper at international conferences.
- Publish the technical paper, including a main part of a doctor thesis, in a journal edited in English
- Present a doctor thesis in English
- Pass an examination of a doctor thesis
- High language ability

6) **Certificate of IISE Program:** IISE Program students, who satisfy the requirements, receive a certificate of IISE Program, besides a certificate of the doctor degree.
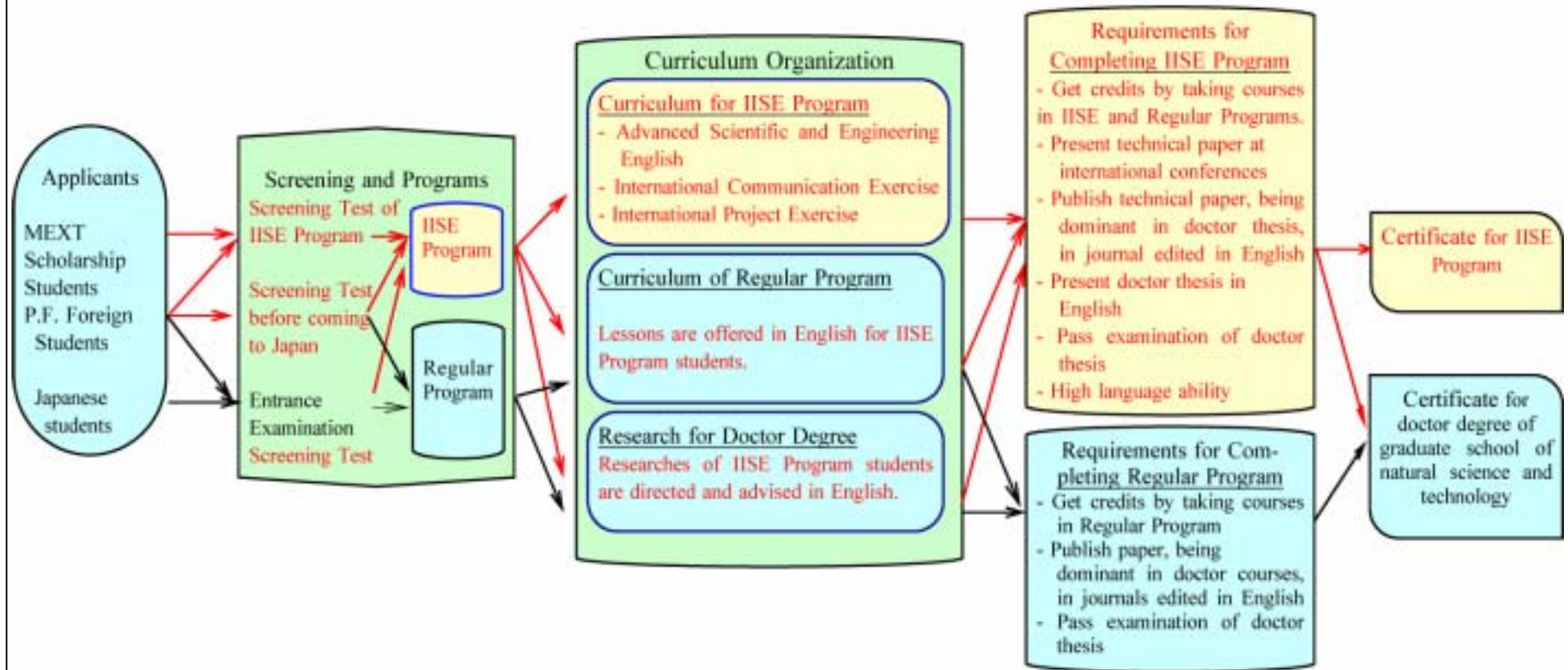
III. Advising Research of Students and Examination of Doctor Thesis

- Before foreign students enter the doctor courses, they can receive several supports through internet.
- A class includes a small number of students. One main adviser and two advisers direct and advise research of students.
- A doctor thesis is fairly and strictly examined by a committee consists of five professors.

Fig.1 Summary of "International Interactive Special Education Program (IISE Program)"
Graduate School of Natural Science and Technology
Kanazawa University

Applicants

MEXT Scholarship Students

P.F. Foreign Students

Japanese students

Screening and Programs

Screening Test of IISE Program

Screening Test before coming to Japan

Entrance Examination Screening Test

IISE Program

Regular Program

Curriculum Organization

Curriculum for IISE Program
- Advanced Scientific and Engineering English
- International Communication Exercise
- International Project Exercise

Curriculum of Regular Program

Lessons are offered in English for IISE Program students.

Research for Doctor Degree
Researches of IISE Program students are directed and advised in English.

Requirements for Completing IISE Program
- Get credits by taking courses in IISE and Regular Programs.
- Present technical paper at international conferences
- Publish technical paper, being dominant in doctor thesis, in journal edited in English
- Present doctor thesis in English
- Pass examination of doctor thesis
- High language ability

Requirements for Completing Regular Program
- Get credits by taking courses in Regular Program
- Publish paper, being dominant in doctor courses, in journals edited in English
- Pass examination of doctor thesis

Certificate for IISE Program

Certificate for doctor degree of graduate school of natural science and technology

(Note) Red characters, red lines and yellow flames are newly introduced contents by IISE Program.
MEXT scholarship: Monbukagakusho scholarship. P.F. scholarship: Privately financed scholarship