

Course Number	06054
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【 1. Profile of the University】

①University Department	The Graduate University for Advanced Studies School of High Energy Accelerator Science		
②President	KODAIRA, Keiichi		
③Address (Headquarters)	〒240-0193 Shonan Village, Hayama, Miura-gun, Kanagawa, Japan		
④Contact	Division	Director for Academic and Student Affairs	
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	TEL/FAX Number	TEL. +81-46-858-1521 / FAX. +81-46-858-1541	
⑤Web-Address	http://www.soken.ac.jp/en/		
⑥Enrollment (only Graduate School)	90	(include MEXT's Scholarship Students : 45)	

【 2. Outline of the Course】

①Course	International Graduate Program of High Energy Accelerator Science
②Degree	Doctor (3 years)
③Graduate Course, Department	Department of Particle and Nuclear Physics, School of High Energy Accelerator Science
	(Address) 〒305-0801 1-1 Oho, Tsukuba, Ibaraki, Japan
④Collaboration (Universities, Graduate courses, Departments)	School of High Energy Accelerator Science / Department of Accelerator Science, Department of Materials Structure Science
⑤Quota	6 (include MEXT's Scholarship Students : 2) (include Japanese : 0)
⑥Faculties	206 (Full-time(only for this course) : 204, Full-time(at the department offering this course) : 2, Part time : 0)
⑦Representative of the Course	Job Title: Dean of the School of High Energy Accelerator Science, Professor
	Name KITAZAWA, Yoshihisa

【3. Contents of the Course】

○The main goal of this program:

We educate students who already possess Master' s degree toward Doctorate in our world class graduate program. We aspire to construct an academic human network consisting of the graduates of our school. We aim to educate students who can assume the leadership in High Energy Accelerator Science. We also hope that this program enhances internationalization of Japanese students.

○Contents:

(1)To enhance international visibility;

We are based on internationally renowned research institutions.

We encourage students to participate in conferences and seminars organized by host institutions.

Students can cultivate far reaching insights and deep understandings of our science by participating in the path braking researches performed in our constituent institutions.

(2)To construct human network;

We can build upon the existing international community which consists of users of our host institutions.

Our graduate students are encouraged to communicate with many foreign visitors and research fellows.

Our graduate students will participate in the summer program which is run jointly with JSPS. This program invites fresh PhD researches from USA, UK, France, Germany and Canada to Japan for two months.

We support our students to develop their career after graduation through these networks. We also invite them back to school by using the international symposiums at Sokendai. Such an occasion is useful for the current students to get information on their own future.

(3)To support international students;

They can be assisted by many English speaking research staffs of KEK: High Energy Accelerator Research Organization, in their research and language educations. We also assign Japanese researchers and students as their tutors to support them in the both academic and practical matters.

They can use the world class research facilities such as synchrotron radiation facility, supercomputers, and asymmetric collider for their research.

We provide support facilities and staffs who take care of foreign students and visitors.

(4)International symposium and school;

We organize international symposium, such as “Networks on Science and Culture Exchanges among Asian Countries” , a few times per year. Students are encouraged to participate in them through discussions and organizations.

We also organize international school, “Asian School of Particles, Strings and Cosmology” starting this year. We invite not only domestic but also Asian students such as China, Korea and India. Our students can participate in it which aims to educate young researchers in High Energy Accelerator Science and closely related fields.

We also attract students who are not financially supported by this program. We will support them through RA programs (800,000yen/year) from KEK and private fellowships.

○The education system:

We assign a principle adviser to guide a student for Doctorate thesis. He/she will be supported by the whole faculty in his/her research group.

We will arrange seminars in English and occasions for their presentation to improve their skill. There are Japanese language courses in our host institutions and in our neighborhood. The students can also collaborate with researchers of the host institutions.

○Language:

The language spoken in the graduate school will be Japanese and English. In the presence of foreign members, English will be the principle language.

○Selection process:

We make use of our home page and WebELS which is under development. We can use Sokendai Lecture in foreign countries to attract students.

Although there is no restriction on the nationality of students, we welcome Asian students from our neighboring countries.

The selection process will be carried out jointly by the administration board of our three research departments after receiving the recommendations from them.

○Job opportunity:

We explain job opportunities to each student in the native country and in Japan at the earliest stage. We make use of academic human network based on graduates of the Asian countries. We keep track of the graduates and invite them back to the school through symposiums and seminars.

○Program evaluation:

We keep track of the percentage of the graduates who successfully obtained Doctorate. We also take note of their subsequent employments. We set up evaluation committee for our program which includes our graduates as members.

○Special points:

Sokendai campuses are scattered in Hayama and various national research institutions.

Our education programs are carried out in each international research institutions through the universal common programs. We aspire to educate international standard students through rich communications between students of different and versatile backgrounds.