

Course Number	06081
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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 Physical Sciences			
②President	KODAIRA, Keiichi			
③Address (Headquarters)	〒240-0193 Shonan Village, Hayama, Miura-gun, Kanagawa, Japan			
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⑤Web-Address	<a href="http://www.soken.ac.jp/en/">http://www.soken.ac.jp/en/</a>			
⑥Enrollment (only Graduate School)	90 (include MEXT's Scholarship Students: 45 )			

【2. Outline of the Course】

①Course	Science Network Program for Foreign Students
②Degree	Doctor (3 years)
③Graduate Course, Department	Department of Fusion Sciences, School of Physical Sciences
	(Address)322-6 Oroshi-cho, Toki, Gifu 509-5292, Japan
④Collaboration (Universities, Graduate courses, Departments)	School of Physical Sciences, Department of Structural Molecular Science, Department of Functional Molecular Science, Department of Astronomical Science, Department of Space and Astronautical Science
⑤Quota	8 (include MEXT's Scholarship Students: 3 ) (include Japanese : 2 )
⑥Faculties	307 (Full-time(only for this course):300, Full-time(at the department offering this course):7, Part-time: 0)
⑦Representative of the Course	Job Title: Dean of the School of Physical Sciences, Professor
	Name MATSUOKA, Keisuke

### 【3. Contents of the Course】

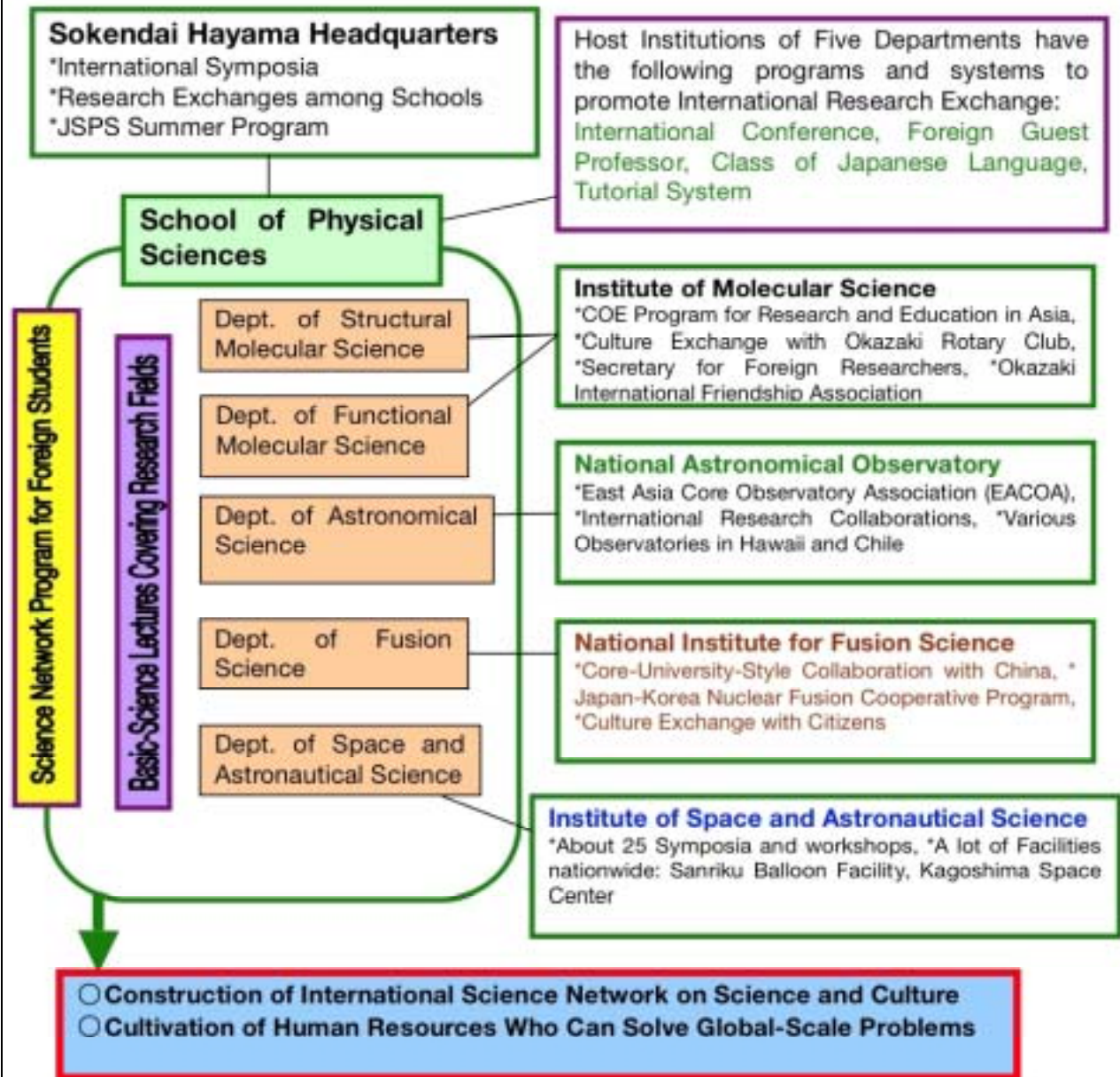
○Purpose of this program:

1) To educate doctoral students, in our world-leading research environment, so as to cultivate world-leading scientists who can solve global-scale problems. 2) To construct a science network among the graduates of our school including Japanese students.

○Contents:

(1) To enhance international competitiveness:

We educate the students in our host institutions internationally renowned. They can cultivate far-reaching insights and deep understandings of our science, participating in the multidisciplinary researches performed in our 5 departments.



(2) To construct human network:

We are carrying out the international exchange programs shown above, which encourage the students to communicate with many foreign visitors and research fellows. We carry out Sokendai Lecture in foreign countries to attract students.

Graduate students will participate in the summer program that is run jointly with JSPS. This program invites fresh PhD researchers 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 keep track of the graduates and invite them back to our school on the occasion of

the international symposia. Such an occasion is useful for the current students to get information on their own future.

(3) To support international students:

The students are educated by many English-speaking research staffs of our departments. The students can use the world-class research facilities such as synchrotron radiation facility, supercomputers, Large Helical Device (LHD), Subaru Telescope and Atacama Large Millimeter Array (ALMA, under construction) for their research.

We provide supporting-facilities and staffs who take care of foreign students and visitors. We assign Japanese researchers and students as tutors to support them in both academic and practical matters.

(4) To promote internationalization of Sokendai:

We organize international symposia, such as “Networks on Science and Culture Exchanges among Asian Countries” and “Report on Observation with the Subaru Telescope and Pioneering of Nuclear Astronomical Physics” a few times per year. Students can contribute to internationalization of Sokendai and to establishing the science network through participating in the symposia.

We also organize the international school, “Sokendai Asian Winter School”, where we invite not only domestic but also Asian students.

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

○The education system:

We assign a principal adviser to guide a student for doctorate thesis. He/she will be supported by the whole member of the research group.

We will arrange seminars in English and basic-science lectures covering the research field of our departments. There are Japanese language courses in our 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 principal language.

○Selection process:

We make use of our home page and WebELS that is under development. The selection will be carried out by the administration board of our departments after receiving the recommendations.

○Job opportunity:

We explain job opportunities to each student in the native country and in Japan at the earliest stage. We expect them to construct the science network primarily among the Asian countries.

○Program evaluation:

We keep track of the percentage of the graduates who successfully obtained Doctorate and of their subsequent employments. We set up an evaluation committee for our program including our graduates as members.

○Special points:

Sokendai campuses are scattered nationwide. 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 with different and versatile backgrounds.