

Course Number	06055
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2006 「The International Priority Graduate Programs (PGP)」

～Advanced Graduate Courses for International Students～

【1. Profile of the University】

①University Department	Keio University Graduate School of Science and Technology		
②President	ANZAI, Yuichiro		
③Address (Headquarters)	〒108-8345 2-15-45 Mita Minatoku, Tokyo		
④Contact	Division	International Center	
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	TEL/FAX Number	+81-45-566-1468 (TEL), +81-45-566-1469 (FAX)	
⑤Web-Address	<a href="http://www.st.keio.ac.jp/english/index.html">http://www.st.keio.ac.jp/english/index.html</a>		
⑥Enrollment (only Graduate School )	331 (include MEXT's Sholorship Students: 91 )		

【2. Outline of the Course】

①Course	International Graduate Programs on Advanced Science and Technology
②Degree	Master's Program+Doctor's Program (2+3 year)
③Graduate Course, Department	Graduate School of Science and Technology School of Science for Open and Environmental Systems
	(Address) 3-14-1 Hiyoshi Kohoku-ku, Yokohama-shi Kanagawa-ken 223-8522, Japan
④Collaboration (Universities, Graduate courses, Departments)	Graduate School of Science and Technology School of Fundamental Science and Technology Graduate School of Science and Technology School of Integrated Design Engineering
⑤Q u o t a	40 (Master's Program 20+Doctor's Program 20) (including MEXT's Scholarship Students: Master's Program 6+Doctor's Program 6) (including Japanese : 0 )
⑥Faculties	64 (Full-time(only for this course):58 Full-time(at the department offering this course): 0 Part time: 6 )
⑦Representative of the Course	Job Title Professor, School of Integrated Design Engineering
	Name INASAKI, Ichiro

### 【3. Course Content】

#### 【Keio University】

Keio has a proud history as Japan's very first private institution of higher learning, founded in 1858. Since the school's foundation, the students of Keio have risen to the forefront of innovation in every imaginable academic field, emerging as social and economic leaders.

The International Graduate Programs on Advanced Science and Technology were founded in 2003 to offer more opportunities for international students with no background in the Japanese language. With the increasing role that technology now plays in modern society, intellectuals possessing strong backgrounds in science and technology are demanded by a wide variety of fields including medicine, business, law, politics, journalism, and international relations.

While maintaining our tradition of providing world-class education and research for scientists and future engineers, the program is designed to train future leaders with solid scientific knowledge.

#### 【Course Outline】

Classes for international students are instructed in English, and students are to choose their classes from the English instructed course list. Every student will enroll in *Independent Study* (4 credits) during the first year of the master's program, and *Graduate Research 1* (6 credits) during the second year of the program. *Graduate Research 1* consists of master's thesis and research project. Total of 30 credits are required for the completion of the master's degree.

The doctoral program will consist of 6 required credits of *Special Study Courses (Graduate Research 2)* only, in which the student will be offered research guidance and instruction for preparing academic dissertations to acquire a doctoral degree.

#### Areas of Study

**Nano Science Program, Biomedical Engineering Program, Electronics and Photonics Program  
Mechanics and Manufacturing Program, Computer Science and Communication Technology Program  
Environment and Multi-Scale Dynamics Program**

A list of lecturers and subjects for each Program is given on this webpage:

[http://www.st.keio.ac.jp/english/admissions/eng\\_prg\\_mstr/index.html](http://www.st.keio.ac.jp/english/admissions/eng_prg_mstr/index.html)

#### Educational System

The Graduate School of Science and Technology consists of two years for the Master's program followed by three years for the doctoral program. The school is divided into three sub-Schools: Fundamental Science and Technology, Integrated Design Engineering and Science for Open and Environmental Systems. The School of Fundamental Science and Technology and the School of Integrated Design Engineering have six Centers; the School of Science for Open and Environmental Systems has five Centers. Each center consists of faculty members and graduate students whose research interests match the field specified by the name of the center.

Links to each sub-School and Center may be found below:

School of Science for Open and Environmental Systems

[http://www.st.keio.ac.jp/english/grad\\_open/](http://www.st.keio.ac.jp/english/grad_open/)

School of Fundamental Science and Technology

[http://www.st.keio.ac.jp/english/grad\\_funda/](http://www.st.keio.ac.jp/english/grad_funda/)

School of Integrated Design Engineering

[http://www.st.keio.ac.jp/english/grad\\_design/](http://www.st.keio.ac.jp/english/grad_design/)

Every graduate student in the Graduate School officially belongs to one of the three sub-Schools listed above, and performs research under the guidance of an academic advisor who belongs to one of the centers.

### **【Admissions】**

Selection will be made by document screening.

Admissions information is provided at:

<http://www.st.keio.ac.jp/english/admissions/index.html>

### **【Career options】**

Since the opening of the course in 2003 September, most of the Monbukagakusho Scholarship Recipients are continuing their research at the doctoral level. This program does not require knowledge of the Japanese language, although most of the international students seem to have a great interest in Japanese language and culture. This is evident from the fact that graduates appear to continue their career in relation with a Japanese firm or the Japanese branch of a multinational company. In addition, Keio University is known for its strong alumni network. Alumni associations are found throughout the world, and international students are welcome to join an alumni association after graduation to enhance their network of personal contacts

### **【Student Life】**

#### Japanese Class

Students are able to take Japanese Language courses as they wish. Classes are organized to meet every kind of level, enabling students to increase their knowledge in a short period. Students with no prior knowledge of the Japanese language can learn basic daily life communication skills from the courses offered.

#### Housing

International students admitted to the program are offered a residence within walking distance from the campus for a period of up to two years. Japanese students also reside as a Residence Assistant to offer daily support. For those who wish to find residence by themselves, the University can assist with completion of rental contracts.

#### Scholarships

Admitted students may be able to extend the Monbukagakusho scholarship for additional three years (up to a maximum of five years) to cover the period of doctoral course studies.

#### Support Organizations

There are several support organizations found at the Yagami Campus that offer a variety of events and services to international students and scholars of Keio University and their accompanying families. Welcome parties, short trips and bazaars are held several times a year.

#### Extracurricular activities

There are many student activity groups at the Yagami Campus and the nearby Hiyoshi Campus.. International students are welcome to join these groups and engage in various sports activities, using the facilities of the University. This includes not only sports, but also Japanese traditional games. You can, for example, play “Go” with Japanese students.

### **【Campus Outline】**

Yagami Campus is located in Yokohama, less than 30 minutes away from Tokyo by train.

Teaching Staff : 285 ( Professors : 140, Associate Professors : 72, Assistant Professors : 34, Instructors: 39).

Students: 6,287(Undergraduate: 4,486; Graduate: 1,801)

International Students: 156(Undergraduate: 35, Master’s course: 49, Doctoral course 54, Research Students: 18).