## 1. Profile of the University

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>University Department</strong></td>
<td>Keio University Graduate School of Science and Technology</td>
</tr>
<tr>
<td><strong>President</strong></td>
<td>ANZAI, Yuichiro</td>
</tr>
<tr>
<td><strong>Address (Headquarters)</strong></td>
<td>〒108-8345 2-15-45 Mita Minatoku, Tokyo</td>
</tr>
</tbody>
</table>
| **Contact** | Division: International Center  
Contact person’s Name: MITSUHASHI, Yukari  
e-mail: ic-yagami@adst.keio.ac.jp  
TEL/FAX Number: +81-45-566-1468 (TEL), +81-45-566-1469 (FAX) |
| **Web-Address** | http://www.st.keio.ac.jp/english/index.html |
| **Enrollment** (only Graduate School) | 331 (include MEXT’s Scholarship Students: 91) |

## 2. Outline of the Course

<table>
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<tr>
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<tbody>
<tr>
<td><strong>Course</strong></td>
<td>International Graduate Programs on Advanced Science and Technology</td>
</tr>
<tr>
<td><strong>Degree</strong></td>
<td>Master’s Program+Doctor’s Program (2+3 year)</td>
</tr>
</tbody>
</table>
| **Graduate 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 |
| **Collaboration (Universities, Graduate courses, Departments)** | Graduate School of Science and Technology  
School of Fundamental Science and Technology  
School of Integrated Design Engineering |
| **Quota** | 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 ) |
| **Faculties** | 64 (Full-time(only for this course):58  
Full-time(at the department offering this course): 0 Part time: 6 ) |
| **Representative 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:

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/
School of Fundamental Science and Technology
http://www.st.keio.ac.jp/english/grad_funda/
School of Integrated Design Engineering
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)