

III. Admission Policy and Results

1. Admission Policy

The Green Asia Program aims to develop doctoral degree holders with a global perspective in the fields of resource engineering, material science, and system engineering. The entrance examination is therefore conducted to select students who possess not only fundamental grounding in specialized research fields but also a high level of language, expression and communication skills. In order to ensure the quality of the students, any applicant is required to submit (1) his or her academic transcript in undergraduate course, (2) a score of a globally accredited English proficiency test such as TOEIC and TOEFL, and (3) written recommendations from academic staffs who have taught the applicant. He or she takes written examinations for (4) his or her specialties, level of which is higher than that conducted in entrance examinations to usual master's courses, and (5) short essay to check his or her abilities for logical thinking and description. Both of the written examinations are conducted in English. (6) He or she also interviews with academic staffs, including his or her (potential) supervisor, in English.

2. Domestic Admission and Results

The domestic admission targets at the 1st-year master's degree students in Interdisciplinary Graduate School of Engineering Sciences, and in Department of Earth Resources Sciences, Graduate School of Engineering, Kyushu University. Such students can spend a half year between enrollment in the graduate schools and the entrance examination for the Green Asia Program (the term of the pre-program) to collect and consider information for the program, which is announced as follows.

1. In the orientation for new students in the 1st year of master's courses in April, they were informed about the Green Asia Program.
2. Students who hope to enroll in the program were employed as a research assistant during the pre-program term. They were permitted to participate in the classes and events of the program to appreciate the curriculum, check their suitability, and prepare for the entrance examination before the entry.
3. Various information for the program, such as a difference in curriculum between the Green Asia Program and regular master's and doctoral programs, financial support for the students, and student's works on a certain day, to disclose activities of the students in the program and provide potential students with information for making decisions about the entry.

In order to increase the proportion of Japanese students to international ones, the entrance examination in 2017 (for the 6th batch domestic students) was conducted before their enrollment in

the graduate schools. The passed students entered the Green Asia Program in April, 2017 without the term of the pre-program.

(1) 2016 Academic Year (for the 5th batch domestic students)

The admission in 2016 followed the previous schedule and procedure. The candidates addressed a written examination for a specialized subject, a short essay, and an interview in English. They were evaluated by using TOEIC score and grade point average (GPA) score for their undergraduate education in addition to scores for the examinations.

The schedule (**Table 3-1**), the submitted documents and the contents (**Table 3-2**), and the results (**Table 3-3**) are shown as follows. The 2nd (additional) recruitment was implemented because the number of the passed students in the regular admission did not meet the student quota. Unfortunately, no additional candidate passed the examination.

Table 3-1. Schedule of Domestic Admission in 2016

| Date | Contents |
|-------------|---|
| April 8 | Orientation session for M1 students |
| April 18 | Due date of the application for a research assistant student |
| June 23 | Information session about the entrance examination (IGSES) ¹ |
| June 24 | Information session about the entrance examination (GSE) ² |
| July 13 | Due date for submission of the application form for admission |
| August 1 | Entrance examination |
| August 4 | Assessment meeting |
| August 19 | Announcement of successful applicants |
| October 1 | Enrollment in the Green Asia Course |
| October 27 | Information session about the 2nd entrance examination |
| November 24 | Due date for submission of the application form for admission |
| December 10 | Entrance examination |
| December 20 | Assessment meeting |

¹Interdisciplinary Graduate School of Engineering Science; ²Graduate School of Engineering.

Table 3-2. Submitted Documents for and Contents for Domestic Admission in 2016

| Item | Contents |
|----------------------|---|
| Submitted documents | <ul style="list-style-type: none"> • Application form • Score of a globally accredited English proficiency test (such as TOEIC) • Written recommendation from the mentor • Academic transcript for undergraduate education |
| Entrance examination | <ul style="list-style-type: none"> • Written examination for specialized subject(s) <ul style="list-style-type: none"> IGSES¹: a chosen subject GSE²: mathematics and physics, or mathematics and chemistry • Short essay • Interview |

¹Interdisciplinary Graduate School of Engineering Science; ²Graduate School of Engineering.

Table 3-3. Results of Domestic Admission in 2016

| Department | Applicant ¹ | Candidate ¹ | Matriculate ¹ |
|--|------------------------|------------------------|--------------------------|
| Applied Science for Electronics and Materials ² | 1 (1) | 1 (1) | 0 (0) |
| Molecular and Materials Sciences ² | 0 | 0 | 0 |
| Energy and Environmental Engineering ² | 1 | 1 | 1 |
| Advanced Energy Engineering Science ² | 1 | 1 | 1 |
| Earth System Science and Technology ² | 1 | 1 | 1 |
| Earth Resources Engineering ³ | 1 | 1 | 1 |
| Total | 5 (1) | 5 (1) | 4 (0) |

¹The number for the 2nd recruitment is shown in parentheses; ²In Interdisciplinary Graduate School of Engineering Science; ³In Graduate School of Engineering.

(2) 2017 Academic Year (for the 6th batch students)

We have been demanded increase of the proportion of Japanese students to international ones. The admission procedure for the 6th batch students was therefore improved as follows. (1) In September, 2016, prior to the enrollment in the graduate schools, the information about the Green Asia Program, including the entrance examination, was provided candidates who have passed the graduate school entrance examination. (2) The entrance examination for the Green Asia Program was also conducted in January, 2017, before their enrollment in the graduate schools. (3) With consideration for applicants belonging to an undergraduate course, a written examination for a specialty and a short essay examination were eliminated, and alternatively the applicants were tested on basic knowledge about a specialty as an oral examination in the interview. (4) Each applicant was requested to submit a research plan after enrollment in the graduate school (written in Japanese) as well as a written approval from his or her potential mentor because he or she has not joined the potential mentor's laboratory.

Since the number of the passed students did not meet the student quota, the regular examination in summer was initially planned, but unfortunately it could not be carried out because of dramatically decreasing budget.

The schedule (**Table 3-4**), the submitted documents and the contents (**Table 3-5**), and the results (**Table 3-6**) for the admission in 2017 are shown as follows.

Table 3-4. Schedule of Domestic Admission in 2017

| Date | Contents |
|-------------------|--|
| December 22, 2016 | Due date for submission of application form for admission (IGSES) ¹ |
| January 7, 2017 | Entrance examination (IGSES) ¹ |
| January 12, 2017 | Assessment meeting |
| January 26, 2017 | Due date for submission of application form for admission (GSE) ² |
| April, 2017 | Enrollment in the Green Asia Course |

¹Interdisciplinary Graduate School of Engineering Science; ²Graduate School of Engineering.

Table 3-5. Submitted Documents for and Contents of Domestic Admission in 2017

| Item | Contents |
|----------------------|--|
| Submitted documents | <ul style="list-style-type: none"> • Application form • Score of a globally accredited English proficiency test (such as TOEIC) • Academic transcript for undergraduate education • Research plan in the graduate school (written in Japanese) • Written approval from the potential mentor |
| Entrance examination | <ul style="list-style-type: none"> • Interview, including the oral examination |

Table 3-6. Results of Domestic Admission in 2017

| Department | Applicant | Candidate | Matriculate |
|--|-----------|-----------|-------------|
| Applied Science for Electronics and Materials ¹ | 2 | 2 | 2 |
| Molecular and Materials Sciences ¹ | 1 | 1 | 1 |
| Energy and Environmental Engineering ¹ | 0 | 0 | 0 |
| Earth System Science and Technology ¹ | 1 | 1 | 1 |
| Earth Resources Engineering ² | 0 | 0 | 0 |
| Total | 4 | 4 | 4 |

¹In Interdisciplinary Graduate School of Engineering Science; ²In Graduate School of Engineering.

(3) 2018 Academic Year (for the 7th batch students)

Students who join the Green Asia Program in 2018 are in the last batch of the program students under the present curriculum. The admission of such students was conducted on the basis of the traditional schedule (same as one in 2016), but the submitted documents and the contents of the examination followed ones in 2017.

The schedule (**Table 3-7**), the submitted documents and the contents (**Table 3-8**), and the results (**Table 3-9**) for the admission in 2018 are shown as follows.

Table 3-7. Schedule of Domestic Admission in 2018

| Date | Contents |
|-----------|---|
| April 4 | Orientation session for M1 students |
| June 27 | Information session about the entrance examination |
| July 27 | Due date for submission of the application form for admission |
| August 4 | Entrance examination |
| August 6 | Assessment meeting |
| August 28 | Announcement of successful applicants |
| October 1 | Enrollment in the Green Asia Course |

Table 3-8. Submitted Documents for and Contents of Domestic Admission in 2018

| Item | Contents |
|----------------------|---|
| Submitted documents | <ul style="list-style-type: none"> • Application form • Score of a globally accredited English proficiency test (such as TOEIC) • Academic transcript for undergraduate education • Research report and future plans (written in English) • Written approval from the mentor |
| Entrance examination | <ul style="list-style-type: none"> • Interview, including the oral examination |

Table 3-9. Results of Domestic Admission in 2018

| Department | Applicant | Candidate | Matriculate |
|--|-----------|-----------|-------------|
| Applied Science for Electronics and Materials ¹ | 0 | 0 | 0 |
| Molecular and Materials Sciences ¹ | 1 | 1 | 1 |
| Energy and Environmental Engineering ¹ | 1 | 1 | 1 |
| Earth Resources Engineering ² | 0 | 0 | 0 |
| Total | 2 | 2 | 2 |

¹In Interdisciplinary Graduate School of Engineering Science; ²In Graduate School of Engineering.

3. International Admission and Results

The Green Asia Program has also actively recruited students from overseas. When the candidates pass the screening of the program, they enroll in the Interdisciplinary Graduate School of Engineering Sciences or the Graduate School of Engineering, Kyushu University, in October, and simultaneously enter the Green Asia course. The recruitment information was announced mainly through following three ways: (1) the website of the Green Asia Program, (2) an advertising poster sending to the core partner institutions, and (3) an advertising website (Find A PhD in U.K.). The recruitment started in September, and the screening process was completed by the end of next March.

The overseas students were screened in two steps. The 1st screening was based on submitted documents: (1) an application form, (2) an academic transcript for undergraduate education (at least 3.0 grade point average (GPA) on a 4.0 scale or 2.3 GPA on a 3.0 scale), (3) a score of a globally accredited English proficiency test, such as TOEFL, IELTS, and TOEIC, (4) reports for the applicant from 2 academic referees, (5) written recommendations from two academic referees, (6) a copy of the applicant's passport. Each applicant is strongly asked to find a potential supervisor after enrollment in the program, and submit (7) an invitation letter from the supervisor. But it might be difficult for an applicant who does not have a connection with a professor in Kyushu University to find such supervisor by him- or herself, and therefore, the Green Asia Program provided such applicants a matching service to find a potential supervisor after application.

The applicants who passed the 1st screening were permitted to go forward to the examination-based 2nd screening. The contents were described below.

(1) 2016 Academic Year (for the 5th batch students who enrolled in October, 2016)

The contents of the examination for the 2nd screening were (1) examinations for two specialized subjects chosen, (2) a short essay, and (3) an interview. Previously in principle, the candidate's potential mentor and/or academic staffs of the Green Asia Education Center have visited his or her country to conduct the examinations. In order to reduce a cost and an effort for the screening process and also to establish a new examination system, an online system arranged and operated by a company was introduced.

The examination for specialized subjects (60 min and 12 questions for each subject) was multiple-choice due to a limitation of the system, and each short essay was checked with a

plagiarism detecting software (iThenticate) after the examination (90 min). Each candidate could take the examinations at his or her available time. The interview was conducted through Skype (about 30 min). However, concerning candidates who hoped to enroll in the Department of Earth Resource Engineering, a couple of faculty members visited their countries to conduct the examinations because Graduate School of Engineering demands face-to-face examinations.

The schedule of the admission in 2016 is shown in **Tables 3-10**. The results by department and country are shown in **Tables 3-11** and **3-12**, respectively. All of the 14 candidates who passed the 2nd screening enrolled in the Kyushu University. The advertising poster is shown in **Figure 3-1**.

Table 3-10. Schedule of International Admission in 2016

| Date | Contents |
|-------------------|--|
| November 13, 2015 | Due date for submission of the application form for admission |
| January 7, 2016 | The 1st screening based on the documents |
| February 24, 2016 | Online examinations (until March 18) |
| March 28, 2016 | The 2nd screening based on the examinations (assessment meeting) |
| October 1, 2016 | Enrollment in the graduate school and the Green Asia course |

Table 3-11. Results of International Admission in 2016 (by Department)

| Department ¹ | Applicant | 2nd Screening | Matriculate |
|--|-----------|---------------|-------------|
| Applied Science for Electronics and Materials ² | | 7 | 6 |
| Molecular and Materials Sciences ² | | 3 | 3 |
| Energy and Environmental Engineering ² | | 2 | 1 |
| Advanced Energy Engineering Science ² | | 1 | 0 |
| Earth System Science and Technology ² | | 2 | 2 |
| Earth Resources Engineering ³ | | 3 | 2 |
| Total | 29 | 18 | 14 |

¹Department of a potential research supervisor; ²In Interdisciplinary Graduate School of Engineering Science; ³In Graduate School of Engineering.

Table 3-12. Results of International Admission in 2016 (by Country)

| Department | Applicant | 2nd Screening | Matriculate |
|-------------|-----------|---------------|-------------|
| South Korea | 1 | 1 | 0 |
| China | 1 | 1 | 1 |
| Mongol | 2 | 0 | 0 |
| Malaysia | 5 | 2 | 2 |
| Indonesia | 5 | 4 | 3 |
| Vietnam | 1 | 1 | 0 |
| Bangladesh | 2 | 2 | 2 |
| India | 3 | 1 | 0 |
| Palestine | 1 | 1 | 1 |
| Syria | 1 | 0 | 0 |
| Egypt | 5 | 5 | 5 |
| Ghana | 2 | 0 | 0 |
| Total | 29 | 18 | 14 |

**THE ADVANCED GRADUATE PROGRAM
IN GLOBAL STRATEGY FOR
GREEN ASIA**

Kyushu University, Japan

**Now Recruiting International Students
for the October 2016 Enrollment!**

Key Program Features:

- Combined masters & doctoral course with a duration of **5 years**
- All teaching and research undertaken in **English**
- Humanities and other social science subjects are also included apart from the core physical science and engineering subjects
- You are **NOT** required to learn Japanese, but language courses are provided for your convenience

Primary Science and Engineering Research Fields:

- Chemistry
- The Environment
- Renewable Energy Sources
- Earth Resources
- Materials
- Thermal Engineering
- Electronics
- Physics
- Urban Systems Environment

Financial Support:

- Japanese Government based financial support of **180,000 JPY** per month will be paid to all Green Asia Program students for the **first 2.5 years** of the **5 years program**
- After this period, a selection of the excellent Green Asia Program students may receive additional financial support for the remaining years
- Students are actively encouraged to seek other means of financial support from their own country or within Japan to cover the remaining 2.5 years

Application Deadline:

- November 13th 2015

Search "Green Asia Program" in Google

Deadline Information is Available from the Following URL:
<http://www.tj.kyushu-u.ac.jp/leading/en/index.html>

Contact Information
Green Asia Education Center, Kyushu University
6-1, Kasuga-koen, Kasuga-shi, Fukuoka 816-8580, Japan
E-mail : greenasia@ga.kyushu-u.ac.jp

Figure 3-1. Advertising poster for recruitment of the 5th batch students from overseas.

(2) 2017 Academic Year (for the 6th batch students who enrolled in October, 2017)

The examination for the 2nd screening was further modified as follows. (1) The examination for specialized subjects was demolished, and alternatively (2) each candidate was asked some basic questions about his or her specialty during the interview through Skype (30 to 40 min). (3) The online short essay examination was ongoingly conducted (90 min, 500 to 1000 words), but the system was operated on the Kyushu University M2B (mitsuba) system. As with the admission in 2016, candidates who wanted to enroll in the Department of Earth Resource Engineering faced the written examinations for specialized subjects and the face-to-face interview due to a rule in the Graduate School of Engineering.

The schedule of the admission in 2017 is shown in **Tables 3-13**. The results by department and country are shown in **Tables 3-14** and **3-15**, respectively. The advertising poster is shown in **Figure 3-2**. The Green Asia Program can accept 10 students from overseas for each batch, but this year we accepted only 3 candidates because of unanticipatedly significant decrease of the financial support from Ministry of Education, Culture, Sports, Science and Technology.

Table 3-13. Schedule of International Admission in 2017

| Date | Contents |
|-------------------|--|
| November 18, 2016 | Due date for submission of the application form for admission |
| January 12, 2017 | The 1st screening based on the documents |
| February 12, 2017 | Online short essay examination (until 2 days prior to the interview) |
| February 17, 2017 | Interview, including the oral examination (until March 8) |
| March 23, 2017 | The 2nd screening based on the examinations (assessment meeting) |
| October 1, 2017 | Enrollment in the graduate school and the Green Asia course |

Table 3-14. Results of International Admission in 2017 (by Department)

| Department ¹ | Applicant | 2nd Screening | Matriculate |
|--|-----------|---------------|-------------|
| Applied Science for Electronics and Materials ² | | 6 | 0 |
| Molecular and Materials Sciences ² | | 3 | 0 |
| Energy and Environmental Engineering ² | | 6 | 2 |
| Earth System Science and Technology ² | | 1 | 0 |
| Earth Resources Engineering ³ | | 1 | 1 |
| Total | 43 | 17 | 3 |

¹Department of a potential research supervisor; ²In Interdisciplinary Graduate School of Engineering Science; ³In Graduate School of Engineering.

Table 3-15. Results of International Admission in 2016 (by Country)

| Department | Applicant | 2nd Screening | Matriculate |
|------------|-----------|---------------|-------------|
| China | 3 | 2 | 1 |
| Mongol | 5 | 2 | 0 |
| Myanmar | 7 | 0 | 0 |
| Thailand | 2 | 0 | 0 |
| Malaysia | 4 | 2 | 0 |
| Indonesia | 4 | 0 | 0 |
| Bangladesh | 5 | 4 | 1 |
| India | 4 | 4 | 0 |
| Sri Lanka | 1 | 1 | 1 |
| Pakistan | 1 | 0 | 0 |
| Yemen | 1 | 0 | 0 |
| Germany | 1 | 0 | 0 |
| France | 1 | 0 | 0 |
| Egypt | 1 | 1 | 0 |
| Tunisia | 1 | 0 | 0 |
| Nigeria | 1 | 1 | 0 |
| Comoros | 1 | 0 | 0 |
| Total | 43 | 17 | 3 |

(3) 2018 Academic Year (for the 7th batch students who enrolled in October, 2018)

As described above, the program encountered unanticipatedly significant decrease of the financial support from Ministry of Education, Culture, Sports, Science and Technology, and could not choose but abandon accepting the 7th batch students from overseas. The admission in the academic year of 2018 was therefore not carried out.

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- Humanities and other social science subjects are also included apart from the core physical science and engineering subjects
- You are **NOT** required to learn Japanese, but language courses are provided for your convenience

Primary Science and Engineering Research Fields:

- Chemistry
- Electronics
- Physics
- Urban Systems Environment
- Chemical Engineering
- The Environment
- Renewable Energy Sources
- Electronics
- Materials
- Thermal Engineering

Financial Support:

- Green Asia Program students are provided with a financial subsidy of **180,000 JPY per month** from government sources for **1.5 years after joining** the program from October 2017 (until March 2019).
- The President of Kyushu University has recently pledged to partially extend the scholarship beyond the guaranteed 1.5 years. However, the details are yet to be confirmed.
- Students are actively encouraged to seek other means of financial support from their own country or within Japan to cover the remaining 3.5 years.

Application Deadline:

- **November 18th, 2016**

Search "Green Asia Program" in Google

Full details of the program and application procedures can be found at:
<http://www.tj.kyushu-u.ac.jp/leading/en/index.html>

Contact Information
Green Asia Education Center, Kyushu University
6-1, Kasuga-koen, Kasuga-shi, Fukuoka 816-8580, Japan
Email: greenasia@ga.kyushu-u.ac.jp

Figure 3-2. Advertising poster for recruitment of the 6th batch students from overseas.