

Department of Space and Astronautical Science, School of Physical Sciences
SOKENDAI (The Graduate University for Advanced Studies)
Doctoral Program October 2020
Special Admissions for Applicants Residing Abroad
(Privately Financed International Students)

1. General Prospectus

SOKENDAI (The Graduate University for Advanced Studies) was founded on October 1, 1988 as one of the national universities of Japan. The basic idea of SOKENDAI is to develop a new system of postgraduate education in Japan. Its key features are as follows;

- 1) SOKENDAI offers both three-year and five-year doctoral programs.
- 2) SOKENDAI consists of six schools with 20 departments operated by 17 Inter-University Research Institutes and Independent Administrative Institutions (“parent institutions”).
- 3) Research and education are carried out in close cooperation with the parent institutions.
- 4) A broad and international vision is fostered by enhanced interchange among all departments and other universities in Japan and abroad.

The parent institutions provide Japanese and foreign scientists with opportunities to conduct advanced joint research in various branches of science. They are equipped with extensive research facilities and function as centers for advanced studies. At present, they are cooperating in establishing a world-class program of postgraduate education in SOKENDAI.

2. Department Outline

Department of Space and Astronautical Science provides students with comprehensive research guidance in space science (mainly astrophysics and solar system sciences) using space vehicles as well as in astronautical engineering, where research and development are being conducted on advanced space technologies that will lead to practical space environment. A distinctive characteristic of this department is that students become involved in the world's most advanced large-scale projects to acquire not only a rich knowledge of space science, but also the ability to plan and design spacecraft development projects.

[Research Fields and Advisers]

<http://www.isas.ac.jp/sokendai/e/>

3. Doctoral Degree Requirements

Doctor of Philosophy shall be conferred to students who have satisfied the requirements of their respective program as prescribed below.

[Three-year doctoral program]

Students must be enrolled in SOKENDAI for at least three years; additionally, they must earn the necessary credits, receive necessary research guidance, and pass the examination for a doctoral thesis. Students who are recognized as having achieved significant progress may be able to graduate with in a shorter time frame.

[Five-year doctoral program]

Students must be enrolled in SOKENDAI for at least five years; additionally, they must earn the necessary credits, receive necessary research guidance, and pass the examination for a doctoral thesis. Students who are recognized as having achieved significant progress may be able to graduate with in a shorter time frame.

4. Programs and Number of Students Accepted

Program	Number of Students Accepted	
	April 2020	October 2020
Three-year doctoral program	0	a few
Five-year doctoral program	0	a few

5. Qualifications for Application

[Qualifications for the three-year doctoral program]

Applicants must fulfill one of the following conditions;

- 1) Applicants on whom a Master's degree or a degree equivalent to a Professional degree has been conferred or is expected to be conferred in a foreign country by the preceding month of enrollment.
- 2) Applicants who hold or are expected to obtain a Master's degree or Professional degree by the preceding month of enrollment in Japan.
- 3) Applicants who have been recognized by SOKENDAI as having academic ability equivalent to or superior to those who have a Master's degree or a Professional degree by the individual screening of Admission Qualifications of SOKENDAI, and attain the age of 24 by the end of preceding month of enrollment.(Note)

Note

*Applicants who intend to apply under the provision (3) above are required to have qualification screening to confirm “having academic ability equivalent to those who have a Master’s degree or a Professional degree “before the general application can be submitted. If applicable, please contact the Student Affairs Section by email before September 1.

* The qualifications concern not the date of completion of the master’s course of study but the date of conferral of a master’s or equivalent professional degree. Those who have completed or are scheduled to complete a master’s course before the time of enrollment in the program, but are not scheduled to be granted a master’s or professional degree by that time must take extra screening procedures before the application.

*Other than those qualifications above (Qualification 1 to 3), eligible applicants include those who otherwise satisfy or will satisfy qualification requirements for admission to SOKENDAI. If you have any questions regarding the qualification for admission, please contact the Student Affairs Section in advance.

[Qualifications for the five-year doctoral program]

Applicants must fulfill one of the following conditions;

- 1) Applicants must be foreign nationals currently residing overseas.
- 2) Applicants who have completed or are expected to complete 16-year course of school education in a foreign country by the preceding month of enrollment.
- 3) Applicants who have graduated or are expected to graduate from a Japanese university specified in Article 83 of the School Education Law by the preceding month of enrollment.
- 4) Applicants who have been conferred or are expected to be conferred a degree equivalent to a Bachelor’s degree by the preceding month of enrollment by completing an educational course of three or more years in a foreign university or in a foreign educational institute.
- 5) Applicants who have completed 15-year course of school education in a foreign country by the end of preceding month of enrollment.(Note)
- 6) Applicants who have been recognized as having academic ability equivalent to a university graduate or higher by the individual screening of Admission Qualifications of SOKENDAI, and attain the age of 22 by the end of preceding month of enrollment.(Note)

Note

Applicants who intend to apply under the provisions (4) or (5) are required to have qualification screening before the application can be submitted. Applicants. If applicable please contact Student Affairs Section by email before September 1.

*Other than those qualifications above (Qualification 1 to 5), eligible applicants include those who otherwise satisfy or will satisfy qualification requirements for admission to SOKENDAI. If you have any questions regarding the qualification for admission, please contact the Student Affairs Section in advance.

6. Required Condition and Notes

Applicants are expected to satisfy each of the following conditions.

- 1) Arrival in Japan: Applicants have to be able to arrive in Japan in time for the semester that begins in October, 2020.
- 2) Health: Applicants must be physically and mentally healthy enough to take graduate studies at universities in Japan
- 3) Language Ability: Applicants who have a good command of English or Japanese.
- 4) Security Export Control: Depending on the specifics of the education and research instructions they wish to receive upon entering the program, applicants may be subject to regulations on the export/transfer of controlled technologies based on the Foreign Exchange and Foreign Trade Law. Please consult the International Affairs Section of SOKENDAI for further details.

7. Application Procedure

[Application Period]

October 1 to October 31, 2019*

*The application must arrive no later than the last day of the application period without fail.

[Application Method]

Please contact a faculty member of the department whom you would like to study under in advance. The complete set of application documents must be enclosed in the designated envelope and generally must be submitted **by registered express mail, or a similar service.**

The application must reach SOKENDAI no later than the last day of the application period.

Mailing address;

Student Affairs Section, Division of Academic and Student Affairs
SOKENDAI (The Graduate University for Advanced Studies)
Shonan Village, Hayama, Miura, Kanagawa 240-0193 JAPAN
Telephone number +81-46-858-1526

8. Application Documents

Please read "Application checklist" on our website.

1) Application Form (Attached)

Please attach photographs (4.5cm×3.5 cm taken within the past six months, upper body, full-faced with no hat) on Application Form. Your signature is required on Application Form.

2) Examination fee: 30,000 yen

For payment details, please refer to "Instruction on how to make a payment" on our website.

3) Official Transcript (originals or certified copies)

- Applicants who apply for the three-year doctoral program must submit the Official Transcripts from both undergraduate and graduate schools.
- Applicants who apply for the five-year doctoral program must submit the Official Transcript from the undergraduate school.
- Submit Official Transcript of each academic year of all the universities or graduate schools you have attended.

4) Certificate of Graduation or Expected Graduation (originals or certified copies)

- Applicants who apply for the three-year doctoral program must submit the Certificate of Graduation from both undergraduate and graduate schools.
- Applicants who apply for the five-year doctoral program must submit the Certificate of Graduation from the undergraduate school.
- Applicants who have not graduated from a university must submit an attested document certifying that the applicant will graduate from the university before entering the doctoral program.

5) Certified copy of degree diploma

Applicants who have graduated from a university must submit a certified copy of degree diploma as follows:

- Applicants who apply for the three-year doctoral program must submit a certified copy of their Bachelor's degree diploma and their Master's degree diploma.
- Applicants who apply for the five-year doctoral program must submit a certified copy of their Bachelor's degree diploma.

6) A recommendation letter from the person who knows the applicant's research / academic activities well (e.g., the applicant's academic supervisor at the university in which the applicant is currently enrolled or the university which applicant previously attended, etc.), and addressed to the President of SOKENDAI.(original, free format)

7) Your past research work and activities (if applicable)

8) A summary of your graduation thesis

9) Field of study and Research Plan (Attached)

- 10) A photocopy of applicant's passport pages showing applicant's name, date of birth, nationality, gender, photograph, and passport number.
- 11) Qualifications that prove the applicant's language skill (TOEFL or TOEIC)
A copy of Official Score Certificate, Official Score Report, or Examinee's Score report must be enclosed with application documents.
- 12) GRE Subject Test (Physics) Score Report (five-year doctoral program only)
 - Note that the minimum GRE Subject Test (Physics) score in the paper screening is 700.
 - Applicants are strongly recommended to take GRE Subject Test (Physics) on or before September 14. The applicants who will take the GRE test on October 26, 2019, must follow the directions below; (i) include a copy of registration confirmation e-mail from ETS to the application documents, (ii) send a screenshot of online record to sokendai@ml.jaxa.jp (Graduate Student Affairs Section of the Department of Space and Astronautical Science) by e-mail on or before November 25, 2019 and (iii) arrange the official records to be sent to SOKENDAI.

Note

- Application documents must be prepared in Japanese or English. If the documents are prepared in languages other than Japanese or English, the official English translation must be attached.
- Application documents above must be prepared using word-processing software. Print all required documents on A4 size paper (if possible).
- SOKENDAI cannot respond to inquiries regarding the receipt of individual application documents. The applicant is responsible for the tracking and receipt of all materials. SOKENDAI strongly encourages sending the documents by registered mail, courier service or a similar service that provides tracking numbers and receipt verification services.
- SOKENDAI will not return the submitted documents, nor provide photocopies of the submitted documents under any circumstances. Please keep a copy of all documents for personal reference. In the case that a document is not re-issuable, please submit an attested (notarized) copy instead.
- Admission may be withdrawn at any time, even after enrollment, if the application documents are found to be invalid or contain false information.

9. Selection Schedule and Method

We will carry out the selection in three steps. The first step is a paper screening (including a test

of English), and the second step is an Internet interview. Only the applicants who passed the first and second steps can proceed to the final interview (the third step).

[Three-year doctoral program]

1) Paper screening

We examine contents of the transcripts from Master course, application forms, TOEFL/TOEIC score, Master's thesis and its supplemental materials. (If you are a prospective graduate of Master course and cannot submit Master's thesis at the time of applying, please submit it when it is ready, after having sent other application documents).

2) First interview

First interview is conducted through Internet soon after we receive the application documents. At the first interview, applicants are asked to have a presentation on their past study first, and then, an oral examination follows to examine the applicant's research plans and other general matters. Applicant is requested to send his/her presentation material prior to the first interview.

3) Final interview

Final interview will be held on a day in December 2019 for selected applicants. At the final interview, 20 minutes are allocated for presentation while another 20 minutes are for question and answer session. Presentation is expected to focus on applicant's motivation for future research, as well as his or her plans and goals, while contents of Master's thesis or its equivalent need to be included also. Applicant is requested to send his/her presentation material prior to the final interview. Question and answer session is conducted based on contents of the presentation and submitted documents.

[Five-year doctoral program]

1) Paper screening

We examine contents of the transcripts from the undergraduate school, application forms, and TOEFL/TOEIC score.

2) First interview

First interview is conducted through Internet soon after we receive the application documents. At the first interview, applicants are asked to have a presentation on their academic background, research that the applicant wishes to conduct and other general matters. Applicant is requested to send his/her presentation material prior to the first interview.

3) Final interview

Final interview will be held on a day in December 2019 for selected applicants. At the final interview, 10 minutes are allocated for presentation while another 10 minutes are for question and answer session. Presentation is expected to focus on applicant's motivation for future research, as well as his or her plans and goals. Applicant is requested to send his/her presentation material prior to the final interview. Question and answer session is conducted based on contents of the presentation and submitted documents.

10. Announcement of Result

Result will be mailed to all applicants in no later than February 28, 2020.

11. Admission Procedures

(1) Admission procedures period is scheduled as below:

Late of September 2020 for the enrollment of October 2020

Successful applicants must complete the admission procedures during the prescribed period.

Further details will be notified to successful applicants separately.

(2) Fees required for admission are as follows.

Entrance Fee: JPY 282,000

Tuition Fee for six months: JPY 267,900

*If the entrance or tuition fees are revised at the time of or during enrollment, the revised fees shall be applied from the date of revision.

12. Student Visa

Each candidate who is selected as a privately financed student must apply for a visa in person at the nearest Japanese consulate in order to enter Japan after receiving the Certificate of Eligibility which will be mailed from SOKENDAI.

13. Contact details for inquiries

Student Affairs Section, Division of Academic and Student Affairs

SOKENDAI (The Graduate University for Advanced Studies)

E-mail:gakusei@ml.soken.ac.jp