# 2023

# Graduate School International Doctor's Program Application Guidelines

# Graduate School of Science and Engineering Aoyama Gakuin University

For detailed information on the Graduate School of Science and Engineering and its entrance examination,

please visit the official website of Aoyama Gakuin University (http://www.aoyama.ac.jp/en/)

#### The Educational Policy of Aoyama Gakuin

Aoyama Gakuin has as its aim education based upon the Christian faith and as its purpose the building up of persons who live in sincerity before God, who seek for truth with humility, and who actively take responsibility for all people and for society in a spirit of love and service.

#### The Mission of Aoyama Gakuin University

Aoyama Gakuin University is an educational and research institution based on the Educational Policy of Aoyama Gakuin which is to serve God and persons, contributing to society as the Salt of the Earth and Light of the World.

Our institution nurtures persons who, with a sound understanding based on global perspectives, possess the wisdom and strength with which to discover and solve issues personally. This is achieved through a wide range of barrier free academic research that pursues service and commitment to humanity.

With respect for one another and the traditions of our institution, all faculty members, personnel and students are making an effort towards the creation of a university that is able to respond to the needs of its era.

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#### **Program Overview**

#### [1] Time and Year of Entrance

The admission will be in October 2023.

\*Orientation and classes begin in mid-September, so if accepted, you should arrive in Japan in early September.

#### [2] Duration

The duration of the Doctor's program will be three years of full-time study.

#### [3] Awarded Degree

Graduate Students may pursue studies leading to any of the following degrees:

Doctor of Science

**Doctor of Engineering** 

#### [4] Course Details

The Graduate School of Science and Engineering consists of one department, the Department of Science and Engineering, which includes the following eight Courses.

#### (1) Fundamental Science Course: Not accepting applications

Focusing in particular on mathematical science, materials science, solid-state physics, astrophysics, and atomic, molecular, and plasma physics, the course is planned to serve students with a broad spectrum of interests and objectives in the natural science. Also, the course is extending to new fields such as complex systems, strongly correlated quantum systems, physics of friction, earthquake, etc. The specialty studies cultivate the students' ability to build models for a range of issues and solve problems.

#### (2) Chemistry Course:

The course consists of three fields: physical chemistry, organic chemistry and inorganic analytical chemistry. Focusing on a wide range of molecular systems that include individual molecules and tissues showing organic functions and many other functions, the course bases its studies on the primary viewpoint of chemistry and broadens and deepens the students' knowledge of chemistry.

#### (3) Materials Science Course:

Focusing on the creation of substances with new functions, the course provides comprehensive studies concerning material design, device manufacture and other applications. Based on material physics, solid-state chemistry, materials science, thin-film engineering, electrical engineering and

other fields, the course trains future leaders of most advanced materials science who are well informed on a broad range of issues.

#### (4) Biological Science Course: Not accepting applications

The rapid progress in biological science is not only expanding new frontiers of science and technology, but also beginning to influence the human society. The aim of the Biological Science Course is to provide students with fundamental knowledge of molecular biology as a common basis to work in this wide field and to develop abilities to plan and carry out research on their own by joining the ongoing research on the structure, function and regulation of the biological molecules. Taking advantage of being a member of The Graduate School of Science and Engineering, we also encourage students to take part in the technical advancements in this field.

#### (5) Electrical Engineering and Electronics Course:

A broad range of laboratories, including circuit systems, communication theory, and materials accept graduate students. With the aim of establishing themselves as engineers and researchers, the students are focused on fields that support the foundation of modern societies and include energies, measurement / control, information / communications, electronic devices, materials and any related fields. Emphasis is placed on directed research and, in the process; we endeavor to provide students with the ability to think independently make discoveries and solve problems. Students advancing to the course need clear study goals to establish themselves as engineers and researchers.

#### (6) Mechanical Engineering Course: Not accepting applications

This course trains engineers and researchers who will contribute to the sustainable development of humanity by creating instruments and systems with superior performance. In other words, students base their studies on a broad range of viewpoints, such as energy, environment, safety and ethics, while deepening their understanding of shapes, mechanisms, and the dynamic actions of materials. Combining a range of factors, such as machines and intelligence, the course enables students to acquire advanced skills in information processing, measurement and analysis. The research and guidance foster comprehensive skills in the students, enabling them to identify and solve problems.

#### (7)Intelligence and Information Course:

Education and research in the Intelligence and Information Course covers a wide range of computer and information related topics including human-computer interaction, natural language understanding, big data, computer vision, robotics, wearable devices, and network and web technology. The goal is to learn to create and master new technologies as well as to understand their role in human society.

#### (8) Management Technology Course:

The course teaches advanced management technologies applied in production systems, supply chain, business management, environmental management, quality management, and other related areas. By conceptualizing those technologies, the course emphasizes advanced data analysis, system modeling, and optimization techniques. The course enables students to acquire deep understanding the essence of advanced Japanese management systems, such as production systems, total quality management.

#### How to Apply

#### [1] Requirements for Application

Students who will apply and be accepted to the Graduate School International Doctor's Program can graduate from the Program by taking English courses conducted in English only.

Students with the following circumstances are eligible:

- 1. Those whom have obtained a Master's degree or professional degree, or those whom are expected to receive one by August 2023.
- 2. Those whom obtained a degree equivalent to a Master's degree or professional degree outside Japan or those whom are expected to receive one by August 2023.
- 3. Those designated by the Minister of Education, Culture, Sports, Science and Technology.
- 4. Those who completed the course designated by the Minister of Education, Culture, Sports, Science and Technology and received a degree equivalent to a Master's degree or professional degree at an educational facility in Japan positioned in a foreign school education system as having graduated from a course at a graduate school outside Japan and are expected to receive one by August, 2023.
- 5. Those who take and pass the examination administered by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) proving that they have an academic ability equal to or greater than those who have a Master's degree.
- 6. Those who prove they have an academic ability equal to or greater than those who have Master's degree or professional degree by taking the individual examination for entrance eligibility at Aoyama Gakuin University and who are aged 24 years or older by the time of entrance.

In regards to point 6 for entrance examination, either of the following requirements must be met.

①Those who have at least 2 years of experience in the field of science and technology and demonstrate sufficient achievement after graduating from a university or completing a 16 years

- of education at accredited educational institutions outside of Japan.
- ②Those who have a research achievement which has demonstrated to have a value equal to or greater than that of a Master's thesis through books, academic papers, academic lectures, academic reports or patents.

Applicants should contact the research advisor to discuss his/her research plan, prior to the submission of application documents. (\*1) If the email address of the desired research advisor is not on the Aoyama Gakuin University website, please contact us via email (in-rikou@aoyamagakuin.jp). Applicants are required to acquire or renew their status of residence as "Student" which is defined in the Immigration Control and Refugee Recognition Act.

- (\*1) Please refer to the list of faculty members from <a href="here">here</a>. For the email address of each professor, please contact us via email (<a href="mailto:in-rikou@aoyamagakuin.jp">in-rikou@aoyamagakuin.jp</a>)
- [2] Departments and Courses Accepting Applications, Number of Applicants Accepted, and Screening Process

The screening of applicants is based on the examination (application documents, and oral). Only those who pass the examinations and who have completed the entrance procedure are allowed to enter the Graduate School.

Course	Admission Quota	Screening Process
Chemistry		
Materials Science		Oral interview anaita in parson or
Electrical Engineering and Electronics	A few	Oral interview onsite in-person or via a phone, or video call
Intelligence and Information		via a pilone,or video can
Management Technology		

#### [3] Admission Schedule

Application Period*1	April 10, 2023 – April 21, 2023
Oral interview via a phone or on video system	May 8, 2023 – May 13, 2023
Notification of Examination Results*2	May 26, 2023
Enrollment Confirmation/Tuition Fee	Juna 20, 2022
Payment Deadline*1	June 30, 2023
Entrance*3	October, 2023

- (\*1) The application must be sent by International Registered Mail, and must arrive no later than the last day of the application deadline.
- (\*2) The examination results will be posted on the official website of the Aoyama Gakuin University (<a href="https://www.aoyama.ac.jp/en/admission/admission for full time\_international\_students.html">https://www.aoyama.ac.jp/en/admission/admission for full time\_international\_students.html</a>). In addition, admission documents will be sent by EMS.
- (\*3) Official admission is in October, but classes and various orientations begin in mid-September, so students must arrive in Japan in early September.

#### [4] Application Documents

The following is the list of documents that need to be submitted when filing an application (one copy each). All documents must be in English or Japanese, or must be accompanied by a translation into English or Japanese checked and authorized by a public organization.

#### 1. Application for 2023 International Doctor's Program form

A international student application form for admission to the Graduate School of Aoyama Gakuin University (The form is specified by the University and must be filled in by the applicant.)

For the signature of the potential research advisor, please leave it blank.

#### 2. Photograph

A photograph of the applicant, including the upper part of the body, without a cap or hat, back groundless, color, 4 cm high x 3 cm wide, taken no more than three months prior to the application, to be pasted on the application form.

#### 3. Certificate of Graduation (original only)

A certificate of graduation or completion or a certificate of expected graduation or completion of the last sc hool the applicant attended or is currently attending. Note: Submission of a certifica-te of expected graduati on or completion must be followed by a certificate of graduation or completion after the applicant graduate s

#### 4. Academic Transcript (original only)

An academic Transcript from the last school from which the applicant graduated or is currently enrolled (must be either in English or Japanese)

#### 5. Letter of Recommendation

Form specified by the University. One person is necessary, two persons are preferable. (\*1)

#### 6. Copy of Passport

Copy of passport (photo page)

#### 7. Research Plan

About 1000 words in English. (A4 size)

#### 8. Proof of English Proficiency

For those who have not received undergraduate/graduate education in English, please submit an official score report or certificate of exams with a score of TOEFL, IELTS, or TOEIC (L&R).

For those who have received education in English, please obtain an official proof letter from t-he graduated university.

#### 9. Examination Fee Payment Proof Affixing Form

Proof of payment or remittance from a convenience store, by credit card or through bank remittance must be attached to the designated sheet and submitted.

- \* For the payment method for the entrance examination fee, refer to the following [6].
- (\*1) Aoyama Gakuin University will directly contact the recommender(s) to whom applicant provided in the Recommender List. Please inform your recommender(s) in advance.

#### [5] Address for Applications

Prepare all necessary documents for application and mail them to the address below within the application period.

Aoyama Gakuin University (Sagamihara Campus) Academic Affairs Division 5-10-1 Fuchinobe, Chuo-ku Sagamihara, Kanagawa 252-5258, Japan

E-mail: in-rikou@aoyamagakuin.jp

#### [6] Examination Fee

35,000 yen

The examination fee must be paid within the application period.

Payment method for the entrance examination fee

The payment options are as follows:

#### For Applicants Living Outside of Japan-----

#### Payment by credit card

After finished making the payment by credit card, the applicant will receive an email with the URL (https://e-apply.jp/n/gs-aoyama-eng). Please log in to the URL to print out the "Application information【申し込み詳細】". This is to prove that you have made your payment by a credit card.

Send a copy of the "Application information" to the address written in [5] Address for Applications, together with the other application documents. Make sure that you keep one copy of the "Application information" for your reference.

#### Payment through bank transfer

Please pay for the examination fee through the bank possible for overseas remittance. A copy of the payment proof should be sent to the address written in [5] Address for Applications, together with the other application documents. Make sure that you keep the original payment proof for your reference.

If any changes are made on the proof, amount is being changed, or no receipt stamp is on the proof, the proof may not be valid. Furthermore, the bank remittance made after the deadline date is not permitted.

Please note that the fee will not be refunded in any case.

For the bank account information, please refer to [Bank account information].

#### For Applicants Living in Japan-----

#### Payment by credit card

After finished making the payment by credit card, the applicant will receive an email with the URL (https://e-apply.jp/n/gs-aoyama-eng). Please log in to the URL to print out the "Application information 【申し込み詳細】". This is to prove that you have made your payment by a credit card. Send a copy of the "Application information" to the address written in [5] Address for Applications, together with the other application documents. Make sure that you keep the original "Application information" for your reference.

#### Payment at a convenience store in Japan (in Japanese only)

After making the payment at a convenience store, the applicant will receive a "receipt 【収納証明書】." Make a photocopy of the receipt and send it to the address written in [5] Address for Applications, together with the other application documents. Make sure that you keep the original receipt for your reference.

attach the issued "payment proof" or "receipt" on the designated sheet.

#### Payment through bank transfer

Please pay for the examination fee at any bank teller in Japan (except at Japan Post or Japan Post Bank).

A copy of the payment proof should be sent to the address written in [5] Address for Applications, together with the other application documents. Make sure that you keep the original payment proof

for your reference.

If any changes are made on the proof, amount is being changed, or no receipt stamp is on the proof, the proof may not be valid. Furthermore, the bank remittance made after the deadline date is not permitted.

Please note that the fee will not be refunded in any case.

#### [Bank account information]

1. Type of remittance: Telegraphic transfer

Currency: Japanese Yen
 Method of payment: Advise and pay
 Yen exchange charge: Due remitter
 Remittance charge: Due remitter

6. Purpose of payment: Examination fee7. Amount of remittance: 35,000 yen

8. Message to payee: PAY IN FULL

9. Information on recipient of payment:

Paying bank	Sumitomo Mitsui Banking Corporation
Branch	Shibuya Branch
Swift code	SMBCJPJT
Bank address	20-2 Udagawa-cho, Shibuya-ku, Tokyo JAPAN 150-0042
Account number	A/C 8994276
Account name	AOYAMA GAKUIN KENTEI (DAIGAKUIN B)
Address	4-4-25 Shibuya, Shibuya-ku, Tokyo JAPAN 150-8366

#### [7] Date and Location of the Examination

Applicant will be contacted by the research advisor he/she has emailed prior to his/her application. Please set the interview date and time with the research advisor for the interview to be conducted.

#### Important:

- (1) The application is invalid if any of the above documents are missing or incomplete or if the acceptance period has expired.
- (2) Documents and fees that have been submitted will not be returned under any circumstances.

#### **Admission Procedure**

Successful applicants are required to pay the specified admission fee and send the necessary documents to complete the admission procedure no later than the deadlines set for the admission procedure.

The documents will not be accepted at any time other than that specified below under any circumstances.

Applicants who fail to complete the admission procedure by the deadline are deemed to have withdrawn their application.

#### [1] Address for Applications

Aoyama Gakuin University (Sagamihara Campus)

Academic Affairs Division

5-10-1 Fuchinobe, Chuo-ku

Sagamihara, Kanagawa

252-5258, Japan

E-mail:in-rikou@aoyamagakuin.jp

#### Deadline: June 30, 2023

The documents below must be sent via International Registered Mail and must arrive at the above address by the deadline date.

\*Please refer to the admission Registration Guide which will be sent to the successful applicant at a later time.

#### [2] Documents required

Documents required to be arrive by postal mail on or before the deadline.

- 1. Written pledge, certification(forms specified by the University)
- **2. School registration form** (specified by the University)
- 3. Certificate of graduation or completion and a list of the applicant's grades (original only)
  Only where the applicant took the examination before officially graduating from the previous school.
- **4. Notice of payment** (the form specified by the University)

If you are applying in Japan: The notice submitted to the Graduate School must contain a bank seal indicating that the money has been paid.

If you are applying from overseas: A bank check denominated in yen

#### 5. Photograph

4 cm high x 3 cm wide, to be pasted onto the student ID card.

#### For documents 1~4, please send them by PDF files as well. in-rikou@aoyamagakuin.jp

Documents required to be submitted after entering the University.

#### **6. Address registration form** (specified by the University)

**7. Certificate of residence or certificate of entry in the resident card** (not necessary where the applicant has already submitted the form when filing an application)

The document should be issued within recent 3 months. The domicile of origin as well as the information of other family members are not necessary on your certificate of residence (certificate of entry in the resident card).

Notes: (1) Documents that have been submitted will not be returned under any circumstances.

(2) If any false statements are made in the application, the student's enrollment in the Graduate School will be nullified, even if the student has already enrolled.

#### [3] Tuition & Fees -for Academic Year 2023

Applicant will be contacted by the research advisor he/she has emailed prior to his/her application.

(Amounts in Japanese Yen)

	Doctor's Program		Remarks
	Entrance fee	290,000	Payment only in the student's first year
Sc	Tuition	435,000	Annual fee
hool (	Facility and equipment usage fee	100,000	Annual fee
School expenses	Ongoing enrollment fee	80,000	Annual fee
ses	Educational activity fee	110,000	Annual fee
	Subtotal	1,015,000	
Me	Support group fee	5,000	Annual fee
mber	* Alumni association fee	30,000	Payment only in the student's first year
Membership fees	Science and Engineering Society	4,000	Annual fee
ees	Subtotal	39,000	
	Total (1st year)	1,054,000	

<sup>\*</sup> The Alumni association fee may be fully refunded, if applied at the Alumni Association, at the time of withdrawal or expelled from the Graduate School.

#### Remarks

1. Revision of school expenses

School expenses may be revised due to economic situations. In this case, the revised expenses may apply to students enrolled at that time.

2. Admission Withdrawal Request

If the successful applicants should decline his/her entrance to the Graduate School after he/she has completed the admission registration procedure, he/she should inform the Graduate School by September 13. In that case, fees excluding admission fee will be refunded. For details, please contact via email (<u>in-rikou@aoyamagakuin.jp</u>) in advance.

#### Housing

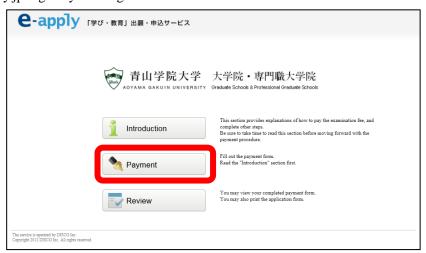
The Graduate School owns a dormitory exclusive for International students. However, as the number of rooms is limited that not all International students may be permitted to move in. The admission permit to the Graduate School is issued regardless of whether or not the successful applicant needs to arrange for his/her dormitory. Please note that the successful applicant should look for his/her housing and take his/her necessary procedure on his/her own.

http://web.iec.aoyama.ac.jp/english/exchange/housing.html.

#### Payment by credit card

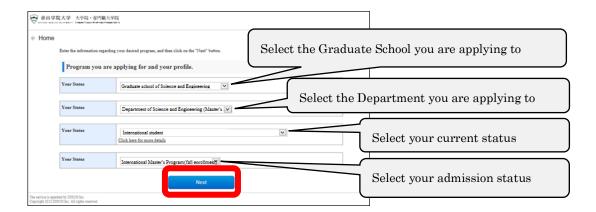
Access the following URL

https://e-apply.jp/n/gs-aoyama-eng









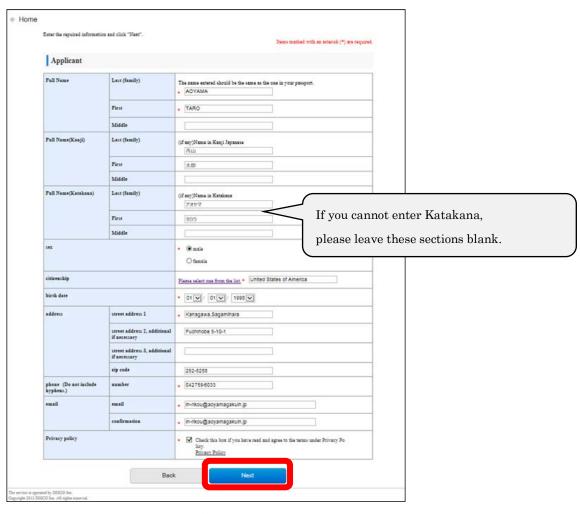
1st Selection Graduate School of Science and Engineering

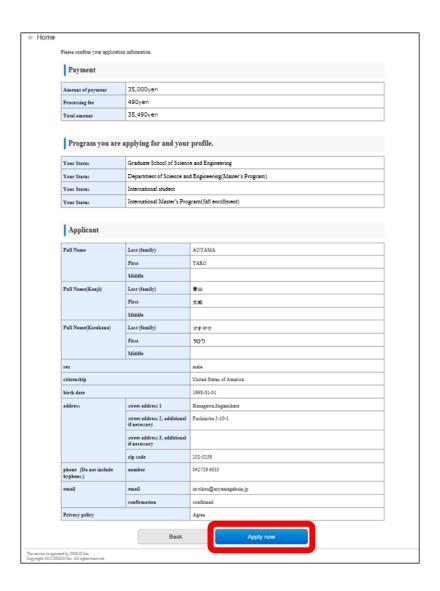
2nd Selection Department of Science and Engineering(International Doctor's Program)

3rd Selection International student

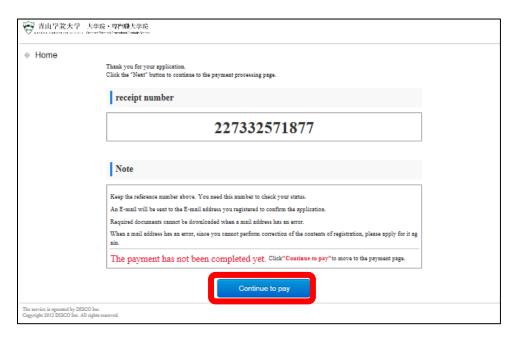
4th Selection International Doctor's Program(Fall enrollment)





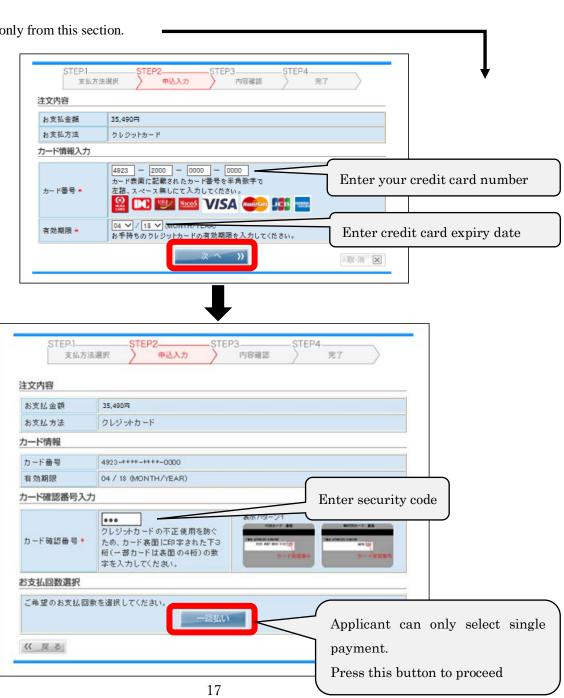








In Japanese only from this section.









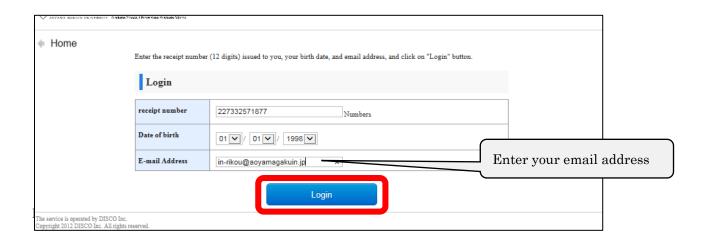


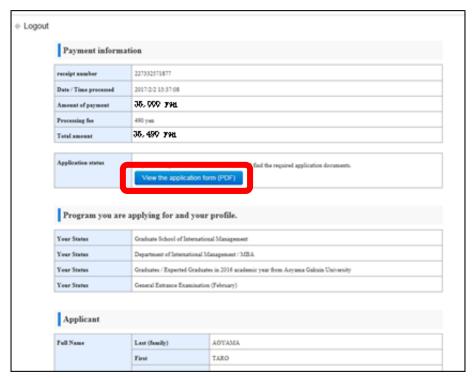


#### Applicant will receive on email.



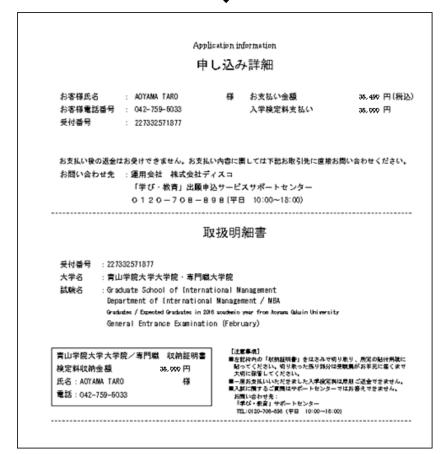




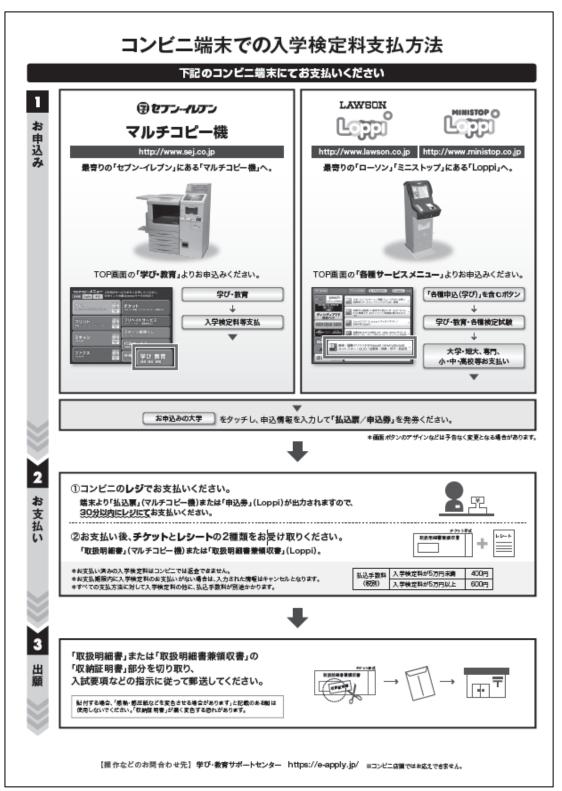


PDF file will open.





Please print this page and send it to the address written on page 14 together with other application documents.



## The Salt of the Earth, the Light of the World

The Motto of Aoyama Gakuin

# Graduate School of Science and Engineering Aoyama Gakuin University

5-10-1 Fuchinobe, Chuo-ku, Sagamihara, Kanagawa 252-5258, JAPAN E-mail:in-rikou@aoyamagakuin.jp Aoyama Gakuin University Graduate School of Science and Engineering APPLICATION FOR GRADUATE SCHOOL's International Doctor's Program

Application form - 1				2023
Graduate School of Scien			*Please leav	e this box blank
Doctor's Pr	ogram	Applicant		
		No.		
	course	)		
Applicant's name		Birthday (mm/dd	l/year)	
Family name:				
Tallilly Hame.		4		Please glue your color photo
Givven name:		Age		here. Write your name
				on the back of the photo. Size of face photo
Middle name:		Gender (Please tl	hick off)	is 3cm × 4cm.
1		Male	Female	
Nationality		Native language		
Status of Residence		Period of Stay (m	ım/dd/year)	
Current home address				
Home address				
Home phone number				
Mobile phone number ————	_	_		
Home fax number				
E-mail				
Educational background (state af	fter graduating from senio	or high school)		
	Period Period		NI o of	Dl.t.inod
Name of Institution	(month/year)	Major	Name or	Degree obtained
			<u></u>	
	T			
	$T^{-}$			

# Aoyama Gakuin University Graduate School of Science and Engineering APPLICATION FOR GRADUATE SCHOOL's International Doctor's Program

Applicati	on form - 2			2023
Employment	history (*Please provid	e the detailed informati	on of position at work even	within the same organization.
			attach the list on the last p	
	e of organization	Period (month/year ~month/year)		sition of work
Proof of Eng	lish Proficiency (Please	thick off)		
			ergraduate/graduate t or certificate of exar	
	TOEFL score		Obtained date (mm/dd/year)	
	IELTS score		Obtained date (mm/dd/year)	
	For those who have received education in English (please obtain an official proof letter from the graduated university)			
	1	1	0	· ·
The name	of potential research a	advisor (Be sure to obta	ain prior permission for acc	eptance from the faculty member)
D1 0:				
Plans after	doctor's program			
	,			
Reseach pl	an (Please thick off)			
	Please propose yo	ur plan of research	by another sheet in a	bout 1000 words in English.

#### LETTER OF RECOMMENDATION

Application for 2023 International Doctor's Program of the Graduate School of Science and Engineering, Aoyama Gakuin University

	ol of Science and Engineering, Aoyama Gakuin Univers
Applicant's name	Applicant No. *Please leave this box blank
Recommender Information	
Name	
Organization	
Title	Phone
Address	· · · · · · · · · · · · · · · · · · ·
E-mail	
I Please describe how long and in what	capacity you have known the applicant below.
Signature	Date (mm/dd/yyyy)

<sup>\*</sup>After filling out this form, print it out and apply the signature. Then make this form in PDF file to send it to the below address by the attachment. Email: in-rikou@aoyamagakuin.jp

## Application for 2023 International Doctor's Program of the Graduate School of Science and Engineering, Aoyama Gakuin University

Applicant's Name		Applicant No.	*Please leave this box blank
Recommender Inform	nation 1		
Name			
Organization			
Title		Phone	
Address			
E-mail			
Recommender Inform	nation 2		
Name			
Organization			
Title		Phone	
Address			
E-mail			
Recommender Inform	nation 3		
Name			
Organization			
Title		Phone	
Address			
E-mail			

If you need more than one sheet, please photocopy this.

# **Examination Fee Payment Proof Affixing Form**

\*This form is not required if the applicant is living outside of Japan.

Grad	uate School of Science and Engineering			
Depa	artment of Science and Engineering			Course
Intern	ational Master's or Doctor's Program			
			*Please leave this box blank	
Applicant's		Applicant		
Name		No.		
1				

Please affix either of two proof of examination fee payment in the box provided below.

①【収納証明書】Credit card payment proof or the payment proof received at the convenience store in Japan

or

②【振込証明書】Proof of remittance (if paid at the bank in Japan)

### ①【収納証明書】

(Credit card payment proof or the payment proof received at the convenience store in Japan)

\*Affix the proof using glue.

②【振込証明書】	(大学院提出用)
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(Proof of remittance)

\*After making the payment at the bank, make sure that the bank's receipt seal is stamped on the receipt/proof. Please note that the receipt/proof is invalid if you have modified the amount on the payment slip.

Affix the proof using glue.

Graduate School of Science and Engineering

Aoyama Gakuin University