

2023 Admission

International Students Entrance Examination Graduate School of Science and Engineering

Application Guidelines

Note 1: Common items of all graduate schools are published in separate files. Please check together.

Note 2: The application guidelines is the English Version for Japanese-based Program of the International Students Entrance Examination.

Note 3: The application documents which are designated by Kansai University only have Japanese Version.

**Kansai University
Graduate School**

II Admission Policy

Master's Degree Program

The Graduate School of Science and Engineering (Master's Degree Program) widely accepts through a variety of entrance examinations those who have the following knowledge and skills, abilities of thinking, judgement, and expression, and proactive attitudes as the graduate school students according to the Diploma Policy and Curriculum Policy of the Graduate School:

1. To have the expertise of their specialized fields on the foundation of the basic academic abilities of science and engineering in the undergraduate courses.
2. To be able to think autonomously from a global perspective, to smoothly communicate with others, and to contribute to society with their capabilities of "Think and Act" on the foundation of their learning results at the undergraduate courses.
3. To have strong willingness to study proactively their specialized academic fields.

Ph.D. Degree Program

The Graduate School of Science and Engineering (Ph.D. Degree Program) widely accepts through a variety of entrance examinations those who have the following knowledge and skills, abilities of thinking, judgement, and expression, and proactive attitudes as the graduate school students according to the Diploma Policy and the Curriculum Policy of the Graduate School:

1. To have the expertise of their specialized fields during their undergraduate courses and master's degree programs.
2. To be able to think autonomously from a global perspective, to smoothly communicate with others, and to contribute to society with their capabilities of "Think and Act" based on results of learning during their undergraduate courses and master's degree programs.
3. To have strong willingness to study proactively their specialized academic fields.

V Application Requirements

Graduate School of Science and Engineering (Master's Degree Program)

Graduate School, Major, Course and Enrollment Capacity

Graduate School	Major	Enrollment Capacity
Graduate School of Science and Engineering	Engineering Science Major	142
	Environmental and Urban Engineering Major	86
	Chemistry, Materials and Bioengineering Major	108

Note 1: The Graduate School of Science and Engineering has not established separate enrollment capacity for each type of entrance examination.

Note 2: For Fall Semester Enrollment of Master's Degree Program (July Examination), applicants cannot apply for the Mathematics Discipline of Engineering Science Major, Architecture Discipline and Civil, Environmental and Applied Systems Engineering Discipline of Environmental and Urban Engineering Major.

Master's Degree Program : International Students Entrance Examination (Spring Enrollment: October Examination and February Examination/Fall Enrollment: July Examination)

1. Qualification

Applicants shall satisfy one of the following (1)~(5) conditions:

(including applicants who are expected to satisfy one of the following (1)~(4) conditions before enrolling at the Graduate School)

- (1) Applicants who have completed a regular 16-year program of school education outside Japan (Note 1).
- (2) Applicants who have graduated from Japanese universities as international students.
- (3) Persons who have completed a 3-year program or a program of more than 3 years and have been awarded a degree by an overseas university or school (Note 2) which is recognized as being equivalent to a bachelor's degree.
(the 2016 ordinance of the Ministry of Education, Culture, Sports, Science and Technology, No. 19)
- (4) Applicants who have completed Specialized Courses at Japanese special training schools after the designated date by the minister of MEXT[†] as international students. The training schools must satisfy the conditions designated by MEXT including that the length of term required for graduation be at least four years.
[†] MEXT; Japanese Ministry of Education, Culture, Sports, Science and Technology
- (5) Applicants who are recognized as having scholastic abilities equivalent or superior to the graduates of university through Pre-qualification Individual Screening for Entrance Examination of the Graduate School. (This requirement shall not apply to the foreigners who are recognized as having received Japanese regular school education program.)

Note 1: Those enrolled in the following schools are considered to be the same as application qualification

(1), as long as the period is less than four years in total.

- Elementary school, junior high school, high school etc. based on Japanese school education law
- Foreign school in Japan
- Overseas educational facilities accredited or designated by the Minister of Education, Culture, Sports, Science and Technology

Note 2: The university or the school shall be evaluated by an organization approved by a relevant official institution in the country for their education and research activities or recognized as so by the Minister of Education, Culture, Sports, Science and Technology.

[IMPORTANT] Notes regarding Pre-qualification Individual Screening for Entrance Examination

1. Subjects:
Applicants under qualification (5)
2. Application Procedures and Deadline:
Refer to 'I Check Qualification before Applying' (in the separate file "Common Items of all Graduate Schools" p.1).
Applicants under condition (5) should pass the academic qualification test before applying, which will be composed of the document screening and oral examination.
(Note 1) Graduates (or those expected to graduate) from less than 16-year program of school education can also apply. In this case, please contact the Graduate School Admissions Division by the submission deadline of the documents for the screening as soon as possible.
(Note 2) Applicants who have received (or are expected to receive) the degrees in their home countries equivalent to those of Japanese universities can also apply. In this case, please inquire to the Graduate School Admissions Division as soon as possible.

[Important] Before submitting your application, contact the faculty member of the research field you are interested in, referring to the information in "Graduate School Information 2023" or the Graduate School of Science and Engineering website. Fill in the date you contacted the faculty member and name of the faculty member in the appropriate space on the Statement of Reason for Applying. (Excluding students currently in the Faculty of Engineering Science, Faculty of Environmental and Urban Engineering and Faculty of Chemistry, Materials and Bioengineering.) Your advisor may not be the one whom you have hoped.

2. Application Documents

After you have paid the application fee of ¥35,000, submit the documents listed below.

Review Cautionary Note published at the end of the Application Guidelines (Japanese Version), and carefully check your application documents before submitting them.

Please submit the 'Application Document List (Checklist)' as well as the application documents.

Document to be Submitted [Document Number]	Remarks
Documents to be submitted by all applicants	
Application Form (for submission) 【①】	Print out and submit after finalizing your online application.
Statement of Reason for Applying (in Japanese or English) 【②】	Use the form designated by the University. ★Must be hand-written by the applicant.
Original transcript from previously universities and / or other institutions 【③】	If you have transferred from another university to your current university, you also should submit transcripts from the previous universities and / or other institutions as well. Submit original transcripts. If you cannot submit original transcripts, please submit transcripts that have been notarized by an embassy or other public institutions.
Original certificate of (expected) graduation from previously universities and / or other institutions 【④】	Both of the entrance and (expected) graduation dates must be listed. If the above information is listed on the Application Document ③, this certificate does not need to be submitted. Submit an original certificate of (expected) graduation. If you cannot submit an original certificate, please submit a certificate of (expected) graduation that has been notarized by an embassy or other public institutions. Note) Applicants with Qualification (3) are required to submit a bachelor's degree certificate in addition to the graduation certificate.
Research Plan in Japanese or English 【⑤】	About 1,000 words in length. Submit 1 original and 3 copies. Draft an overview of your proposed research plan on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page).
Copy of Residence Card or Passport 【⑬】	For a residence card, submit a copy showing both sides. For a passport, submit a copy of pages showing your name, date of birth, photograph, expiration date, residence status, and the most recent period of stay.
Two Photographs	Affix a photograph taken within the last 3 months to the application form (for submission) and to the reason of application. Your photographs should not be retouched or edited. (The photograph affixed to your Application Form will be used on the student ID issued after enrollment, should you be admitted.)

Document to be Submitted [Document Number]	Remarks
Applicants in the following disciplines only: Pure and Applied Physics Discipline, Mechanical Engineering Discipline, Electrical, Electronic and Information Engineering Discipline at Engineering Science Major. Architecture Discipline, Civil, Environmental and Applied System Engineering Discipline at Environmental and Urban Engineering Major.	
TOEIC or TOEFL Score Certificate 【14】 ★Please be sure to submit the original.	≪Foreign language tests required for application≫ ・ TOEIC® L&R test [OFFICIAL SCORE CERTIFICATE] ・ TOEFL iBT® test [Test Taker (Examinee) Score Report] (Note 1) Score certificates for the TOEIC® L&R test (IP) and the TOEFL ITP® test or other Institutional Program test will not be accepted. (Note 2) My Best™ Score of the TOEFL iBT® test will not be accepted. ≪Submitting your score certificate≫ ・ Score certificates for tests taken during the period from April 1, 2020 until the application deadline date are valid. ・ Please submit the original score certificate.

3. Screening Method

The Graduate School will determine whether or not to admit applicants based on a comprehensive evaluation of document screening, written examination and oral examination.

4. Examination Components

Written Examination		Oral Examination
Specialized Subject	Foreign Language (English)	
10:00 ~ 12:00 (120 minutes)	13:30 ~ 15:00 (90 minutes)	Held after the written examination

Note: More information about the oral examination will be provided on the day of the written examination.

5. Examination Subjects by Major and Discipline and Allotment

For Fall Semester Enrollment (July Examination), applicants cannot apply for the Mathematics Discipline of Engineering Science Major, Architecture Discipline and Civil, Environmental and Applied Systems Engineering Discipline of Environmental and Urban Engineering Major.

Major	Discipline	Examination Subject	Points	
Engineering Science Major	Mathematics	Specialized Subject	【Required】 Calculus, Linear Algebra 【Select 2 subjects from the following subjects】 Sets and General Topology, Advanced Calculus, Differential Equations, Groups and Rings	200
		Foreign Language	English	100
		Oral Examination		100
	Pure and Applied Physics	Specialized Subject	【Required】 Each 1 question in Mechanics, Electromagnetics, Mathematics (Calculus, Linear Algebra) 【Elective】 Select 1 question from Quantum Mechanics, Wave Motion, Solid-state Physics or Fluid Dynamics ※Select the examination subject when applying	200
		Foreign Language	No written examination. Scores of TOEIC or TOEFL test will be converted.	100
		Oral Examination		100

Major	Discipline	Examination Subject		Points
Engineering Science Major	Mechanical Engineering	Specialized Subject	No written examination.	—
		Foreign Language	No written examination. Scores of TOEIC or TOEFL test will be converted.	100
		Oral Examination	You will be asked about the following points: ①Basic knowledge on the Oral Examination subjects. ※Select 2 of the following 5 Oral Examination subjects when applying online: Applied Mathematics, Thermodynamics, Fluid Dynamics, Material Mechanics, Mechanical Dynamics. ②Details of previous research ③Research themes and research methods after enrollment, etc.	300
	Electrical, Electronic and Information Engineering	Specialized Subject	No written examination.	—
		Foreign Language	No written examination.	—
		Oral Examination:	Questions related to Electric Circuits, Electromagnetics, and the applied research discipline. For electric circuits, questions cover Series and Parallel Circuits, Duality, AC circuits (Steady-state Circuits), etc. For electromagnetics, questions cover Electric Charge, Electric Field, Electric Capacitance Magnetic Field, etc.	400
Environmental and Urban Engineering Major	Architecture	Specialized Subject	Short essay on your specialty (answer in Japanese)	250
		Foreign Language	No written examination.	—
		Oral Examination		150

Major	Discipline	Examination Subject		Points	
Environmental and Urban Engineering Major	Civil, Environmental and Applied Systems Engineering	Specialized Subject	Select 2 subjects: Civil Engineering and Planning; within the realm of Basic System Planning of Society and Urban and Regional Planning Hydraulics; within the realm of Basic and Applied Hydraulic and seminars Environmental Engineering; within the realm of Environmental Engineering, Environmental Planning, and Eco-system Engineering Structural Mechanics; Statically Determinate, Non-statically Determinate, Elasticity, and Elasto-Plasticity Geotechnical Engineering; Basic and Applied Geotechnical Engineering Construction Material Engineering; within the realm of Construction Material Engineering and seminars Operations Research; within the realm of Operations Research I and II Network Engineering; within the realm of Information Network, and Distributed Information System Software Engineering; within the realm of Software Engineering and Object-oriented Programming Applied Mathematics; within the realm of Infinitesimal Calculus I and II, Linear Algebra I and II, Analysis I, and Probabilistic Model Analysis ※Select the examination subject when applying	200	
		Foreign Language	No written examination. Scores of TOEIC or TOEFL test will be converted.	100	
		Oral Examination		100	
	Chemical, Energy and Environmental Engineering	Specialized Subject	Short essay on Physical Chemistry and Chemical Engineering (answer in Japanese or English) Note: You will be provided a scientific calculator.	200	
		Foreign Language	English	100	
		Oral Examination		100	
	Chemistry, Materials and Bioengineering Major	Chemistry and Materials Engineering	Specialized Subject	Short essay on Physical Chemistry and Chemical Engineering Note: You will be provided a scientific calculator.	200
			Foreign Language	English	100
			Oral Examination		100
Life Science and Biotechnology		Specialized Subject	Select 1 subject from the following subjects: Biochemistry, Molecular Biology, Microbiology, Organic Chemistry, Food and Nutritional Science ※Select the examination subject when applying	200	
		Foreign Language	English	100	
		Oral Examination		100	

Note: The research advisors may change as needed.

If it changes, we will notify applicants via posting a notice (Japanese Version) on our website, please check our website before applying.

<https://www.kansai-u.ac.jp/Gr_sch/>

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**List of Research Fields and Academic Advisors for Master's Degree Program
2023 Academic Year (Prospective)**

Discipline	Research Field	Faculty Member (○ indicates the research advisors)				
Engineering Science Major						
Mathematics	Cohomological Aspects in Mathematics	Professor	Ph.D.	○SHODA, Toshihiro		
		Professor	Ph.D.	○FUJIOKA, Atsushi		
		Professor	Ph.D.	○MURABAYASHI, Naoki		
		Professor	Ph.D.	○YANAGAWA, Kohji		
		Professor	Ph.D.	○WAKUI, Michihisa		
		Associate Professor	Ph.D.	○KANKI, Masataka		
	Probability and Statistics	Professor	Ph.D.	○UEMURA, Toshihiro		
		Professor	Ph.D.	○TAKEDA, Masayoshi		
Associate Professor		Ph.D.	○TERAMOTO, Hiroshi			
Pure and Applied Physics	Physics	Professor	Ph.D.	○ITANO, Tomoaki		
		Professor	Ph.D.	○ITOH, Hiroyoshi		
		Professor	Ph.D.	○ITO, Makoto		
		Professor	Ph.D.	○SUGIHARA-SEKI, Masako		
		Professor	Ph.D.	○WADA, Takahiro		
		Associate Professor	Ph.D.	○HONDA, Syuta		
	Applied Physics	Professor	Ph.D.	○ASAKAWA, Makoto		
		Professor	Ph.D.	○INADA, Mitsuru		
		Professor	Ph.D.	○YAMAGUCHI, Soichiro		
		Professor	Ph.D.	○YAMAMOTO, Ken		
		Associate Professor	Ph.D.	○YAMAMOTO, Mahito		
		Mechanical Engineering	Nanophysics and Nanomaterials Engineering	Professor	Ph.D.	○ITO, Takeshi
				Professor	Ph.D.	○SHIMIZU, Tomohiro
				Professor	Ph.D.	○SINGUBARA, Shoso
Fluid Engineering and Biomechanics	Professor		Ph.D.	○BANDO, Kiyoshi		
	Professor		Ph.D.	○YAMAMOTO, Yasufumi		
	Associate Professor		Ph.D.	○TAJIKAWA, Tsutomu		
Materials Engineering	Professor		Ph.D.	○SAITOH, Ken-ichi		
	Professor		Ph.D.	○TAKAHASHI, Yoshimasa		
	Professor		Ph.D.	○TAKUMA, Masanori		
	Associate Professor		Ph.D.	○SATO, Tomohiro		
Tribology and Micromechatronics for Information Equipment	Professor		Ph.D.	○KOGANEZAWA, Shinji		
	Professor		Ph.D.	○TANI, Hiroshi		
	Professor		Ph.D.	○LU, Renguo		
Thermal Engineering	Professor		Ph.D.	○UMEKAWA, Hisashi		
	Professor		Ph.D.	○MATSUMOTO, Ryosuke		
	Associate Professor		Ph.D.	○AMI, Takeyuki		
	Associate Professor		Ph.D.	○ODA, Yutaka		
Manufacturing Systems	Professor		Ph.D.	○FURUSHIRO, Naomichi		
	Professor	Ph.D.	○YAMAGUCHI, Tomomi			
	Associate Professor	Ph.D.	○HIROOKA, Daisuke			
Mechanical Dynamics and Control Engineering	Professor	Ph.D.	○UTSUNO, Hideo			
	Professor	Ph.D.	○YAMADA, Keisuke			
	Associate Professor	Ph.D.	○KURATA, Junichi			
Measurement Systems	Professor	Ph.D.	○ARAI, Yasuhiko			
	Professor	Ph.D.	○TAKATA, Keiji			
	Professor	Ph.D.	○MAE, Yasushi			

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Engineering Science Major				
Mechanical Engineering	Robot and Microsystems	Professor	Ph.D.	○AOYAGI, Seiji
		Professor	Ph.D.	○SUZUKI, Masato
Associate Professor		Ph.D.	○TAKAHASHI, Tomokazu	
	Ergonomics and Biomedical Engineering	Professor	Ph.D.	○KOTANI, Kentaro
		Associate Professor	Ph.D.	○SUZUKI, Satoshi
Electrical, Electronic and Information Engineering	Electrical Engineering	Professor	Ph.D.	○HASHI, Shunsuke
		Professor	Ph.D.	○HAMADA, Shoji
		Professor	Ph.D.	○YAMAMOTO, Yasushi
		Associate Professor	Ph.D.	○YONETSU, Daigo
	Materials and Devices for Electronics and Optics	Professor	Ph.D.	○KITAMURA, Toshiaki
		Professor	Ph.D.	○SAIKI, Taku
		Professor	Ph.D.	○TAJITSU, Yoshiro
		Associate Professor	Ph.D.	○SATO, Shingo
		Associate Professor	Ph.D.	○TAKARADA, Jun
	Information and Communication Engineering	Professor	Ph.D.	○HIRATA, Koji
		Professor	Ph.D.	○YAMAMOTO, Miki
		Professor	Ph.D.	○YOMO, Hiroyuki
		Professor	Ph.D.	○WADA, Tomotaka
	System Informatics	Professor	Ph.D.	○ITO, Hidetaka
		Professor	Ph.D.	○HIKAWA, Hiroomi
		Professor	Ph.D.	○MAEDA, Yutaka
		Professor	Ph.D.	○MIYOSHI, Seiji
	Media Processing	Professor	Ph.D.	○KAJIKAWA, Yoshinobu
		Professor	Ph.D.	○MATSUSHIMA, Kyoji
		Professor	Ph.D.	○MUNEYASU, Mitsuji
	Intelligent Software Engineering	Professor	Ph.D.	○EBARA, Hiroyuki
		Professor	Ph.D.	○KOJIRI, Tomoko
		Professor	Ph.D.	○TOKUMARU, Masataka
		Associate Professor	Ph.D.	○HANADA, Yoshiko

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Environmental and Urban Engineering Major				
Architecture	Structural Engineering	Professor	Ph.D.	○MASUI, Takeshi
		Professor	Ph.D.	○MATSUDA, Satoshi
		Professor	Ph.D.	○YAMAZAKI, Masahiro
		Associate Professor	Ph.D.	○IKENAGA, Masahiro
	Architectural Design and Planning	Professor	Ph.D.	○OKAGE, Yoshifumi
		Professor	Ph.D.	○OKA, Eriko
		Professor	Ph.D.	○KAMETANI, Yoshihiro
		Professor	Ph.D.	○KINOSHITA, Hikaru
		Professor	Ph.D.	○FUJITA, Masaya
		Associate Professor	Ph.D.	○NOMURA, Masaharu
	Environmental Engineering in Architecture	Associate Professor	Ph.D.	HASHITERA, Tomoko
		Professor	Ph.D.	○TSUZUKI, Kazuyo
Professor		Ph.D.	○TOYODA, Masahiro	
Civil, Environmental and Applied Systems Engineering	Environmental Engineering	Professor	Ph.D.	○ISHIGAKI, Taisuke
		Professor	Ph.D.	○OZAKI, Taira
		Professor	Ph.D.	○KUSUMI, Harushige
		Professor	Ph.D.	○TOBITA, Tetsuo
		Associate Professor	Ph.D.	○HAYASHI, Michiko
		Associate Professor	Ph.D.	○YASUDA, Tomohiro
	Design and Construction	Professor	Ph.D.	○ISHIKAWA, Toshiyuki
		Professor	Ph.D.	○TSURUTA, Hiroaki
		Associate Professor	Ph.D.	○UEDA, Naoshi
		Associate Professor	Ph.D.	○KITAOKA, Takafumi
	Planning and Management	Professor	Ph.D.	○AKIYAMA, Takamasa
		Professor	Ph.D.	○KITAZUME, Keiichi
		Professor	Ph.D.	○YUN, Yeboon
		Associate Professor	Ph.D.	○INOKUCHI, Hiroaki
	Applied Systems Engineering	Professor	Ph.D.	○KANEKIYO, Hiroaki
		Professor	Ph.D.	○KUBOTA, Satoshi
		Professor	Ph.D.	○TAKIZAWA, Yasuhisa
		Professor	Ph.D.	○DAN, Hiroshige
		Professor	Ph.D.	○YASUMURO, Yoshihiro
		Associate Professor	Ph.D.	○ADACHI, Naotoshi
Architecture / Civil, Environmental and Applied Systems Engineering	Regional Renaissance	Professor	Ph.D.	○ISHIGAKI, Taisuke
		Professor	Ph.D.	○OKA, Eriko
		Professor	Ph.D.	○KITAZUME, Keiichi
		Professor	Ph.D.	○KINOSHITA, Hikaru
		Professor	Ph.D.	○KUSUMI, Harushige

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2023 Academic Year (Prospective)**

Discipline	Research Field	Faculty Member (○ indicates the research advisors)		
Environmental and Urban Engineering Major				
Chemical, Energy and Environmental Engineering	Energy Engineering	Professor	Ph.D.	○IKENAGA, Naoki
		Professor	Ph.D.	○NAKAGAWA, Kiyoharu
		Professor	Ph.D.	○MIYAKE, Takanori
		Professor	Ph.D.	○MURAYAMA, Norihiro
		Associate Professor	Ph.D.	○SANO, Makoto
		Associate Professor	Ph.D.	○FUKU, Kojiro
		Associate Professor	Ph.D.	○MATSUOKA, Mitsuki
	Environmental Chemistry	Professor	Ph.D.	○OKADA, Yoshiki
		Professor	Ph.D.	○TANAKA, Shunsuke
		Professor	Ph.D.	○HAYASHI, Jun'ichi
		Professor	Ph.D.	○YAMAMOTO, Hideki
		Associate Professor	Ph.D.	○ARAKI, Sadao
		Associate Professor	Ph.D.	○KINOSHITA, Takuya
		Associate Professor	Ph.D.	HASEGAWA, Isao

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Discipline	Research Field	Faculty Member (○ indicates the research advisors)		
Chemistry, Materials and Bioengineering Major				
Chemistry and Materials Engineering	Metallic Materials Design	Professor	Ph.D.	○UEDA, Masato
		Associate Professor	Ph.D.	○MORISHIGE, Daiki
	Metallic Materials Processing	Professor	Ph.D.	○TAKENAKA, Toshihide
		Professor	Ph.D.	○NISHIMOTO, Akio
		Professor	Ph.D.	○HOSHIYAMA, Yasuhiro
		Professor	Ph.D.	○MARUYAMA, Toru
	Metallic and Inorganic Materials Properties	Professor	Ph.D.	○ARACHI, Yoshinori
		Professor	Ph.D.	○UCHIYAMA, Hiroaki
		Professor	Ph.D.	○KOZUKA, Hiromitsu
		Professor	Ph.D.	○TAKESHITA, Hiroyuki T.
		Professor	Ph.D.	○HARUNA, Takumi
	Inorganic and Physical Chemistry	Associate Professor	Ph.D.	○KONDO, Ryota
		Professor	Ph.D.	○AOTA, Hiroyuki
		Professor	Ph.D.	○ISHIKAWA, Masashi
	Organic Chemistry	Professor	Ph.D.	○KAWASAKI, Hideya
		Professor	Ph.D.	○YAMAGATA, Masaki
		Associate Professor	Ph.D.	○UMEDA, Rui
	Polymer Chemistry	Professor	Ph.D.	○OBORA, Yasushi
		Professor	Ph.D.	○SAKAGUCHI, Satoshi
		Professor	Ph.D.	○NISHIYAMA, Yutaka
		Associate Professor	Ph.D.	○YANO, Masafumi
		Professor	Ph.D.	○KUDO, Hiroto
	Biomaterials Chemistry	Professor	Ph.D.	○SANDA, Fumio
		Professor	Ph.D.	○HARADA, Miyuki
		Associate Professor	Ph.D.	○SOGAWA, Hiromitsu
		Professor	Ph.D.	○IWASAKI, Yasuhiko
		Professor	Ph.D.	○OHYA, Yuichi
		Professor	Ph.D.	○KAKINOKI, Sachiro
Professor		Ph.D.	○HIRANO, Yoshiaki	
Professor	Ph.D.	○FURUIKE, Tetsuya		
Biofunctional Molecular Chemistry	Professor	Ph.D.	○MIYATA, Takashi	
	Associate Professor	Ph.D.	○KAWAMURA, Akifumi	
	Professor	Ph.D.	○ISHIDA, Hitoshi	
	Professor	Ph.D.	○KUZUYA, Akinori	
Biofunctional Molecular Chemistry	Professor	Ph.D.	○YAJIMA, Tatsuo	
	Associate Professor	Ph.D.	○NAKAI, Misaki	

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**List of Research Fields and Academic Advisors for Master's Degree Program
2023 Academic Year (Prospective)**

Discipline	Research Field	Faculty Member (○ indicates the research advisors)		
Chemistry, Materials and Bioengineering Major				
Life Science and Biotechnology	Life and Pharmaceutical Science	Professor	Ph.D.	○OIKAWA, Tadao
		Professor	Ph.D.	SHIMOKE, Koji
		Professor	Ph.D.	○SUMIYOSHI, Takaaki
		Professor	Ph.D.	○NAGAOKA, Yasuo
		Associate Professor	Ph.D.	○YASUHARA, Hiroki
		Associate Professor	Ph.D.	○YAMANAKA, Kazuya
	Microbiology and Environmental Science	Professor	Ph.D.	○IWAKI, Hiroaki
		Professor	Ph.D.	○KATAKURA, Yoshio
		Professor	Ph.D.	○MATSUMURA, Yoshinobu
		Associate Professor	Ph.D.	○OKANO, Kenji
		Associate Professor	Ph.D.	○YAMASAKI, Shino
	Food and Nutrition Science	Professor	Ph.D.	KAWAHARA, Hidehisa
		Professor	Ph.D.	○FUKUNAGA, Kenji
		Professor	Ph.D.	○YOSHIDA, Munehiro
		Associate Professor	Ph.D.	○HOSOMI, Ryota

Graduate School of Science and Engineering (Ph.D. Degree Program)

Graduate School, Major and Enrollment Capacity

Graduate School	Major	Enrollment Capacity
Graduate School of Science and Engineering	Integrated Science and Engineering Major	47

Note: The Graduate School of Science and Engineering has not established separate enrollment capacity for each type of entrance examination.

**Ph.D. Degree Program : International Students Entrance Examination
(Spring Enrollment: October Examination and February Examination/
Fall Enrollment: July Examination)**

1. Qualification

Applicants shall satisfy one of the following (1)~(5) conditions:

(including applicants who are expected to satisfy one of the following (1)~(3) conditions before enrolling at the Graduate School)

- (1) Applicants who have received a master's or professional degree at the graduate schools outside Japan.
- (2) Applicants who have received a master's or professional degree from Japanese graduate schools as international students.
- (3) Applicants who have completed programs and received degrees equivalent to a master's degree from the United Nations University*.

*United Nations University; established by the resolution of the General Assembly of the United Nations on December 11, 1972, as stipulated in Article 1 Paragraph 2 of the Act on Special Measures incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University.

- (4) Applicants designated by the minister of MEXT†. (Bulletin No. 118 of 1989)
† MEXT; Japanese Ministry of Education, Culture, Sports, Science and Technology
- (5) Applicants who are recognized as having degrees equivalent or superior or a master's degree by our graduate school and have reached the age of 24 (before enrolling at Graduate School). This requirement shall not apply to the foreigners who are recognized as having received Japanese regular school education program.

[IMPORTANT] Notes regarding Pre-qualification Individual Screening for Entrance Examination

1. Subjects:
Applicants under qualification (4) or (5)
2. Application Procedures and Deadline:
Refer to 'I Check Qualification before Applying' (in the separate file "Common Items of all Graduate Schools" p.1).

[Important] Before submitting your application, contact the faculty member of the research field you are interested in, referring to the information in "Graduate School Information 2023" or the Graduate School of Science and Engineering website. Fill in the date you contacted the faculty member and name of the faculty member in the appropriate space on the Statement of Reason for Applying. (Excluding students currently in the Graduate School of Science and Engineering at Kansai University.)

2. Application Documents

After you have paid the application fee of ¥35,000, submit the documents listed below.

Review [Cautionary Note](#) published at the end of the Application Guidelines (Japanese Version), and carefully check your application documents before submitting them.

Please submit the 'Application Document List (Checklist)' as well as the application documents.

Document to be Submitted [Document Number]	Remarks
Documents to be submitted by all applicants	
Application Form (for submission) 【①】	Print out and submit after finalizing your online application.
Statement of Reason for Applying (in Japanese or English) 【②】	Use the form designated by the University. ★Must be hand-written by the applicant.
Original transcript from previously graduate school 【③】	Submit original transcripts. If you cannot submit original transcripts, please submit transcripts that have been notarized by an embassy or other public institutions.
Original certificate of (expected) completion from previously attended graduate school, or a notarized document certifying (expected) completion 【④】	Both of the entrance and (expected) completion dates must be listed. If the above information is listed on the Application Document ③, this certificate does not need to be submitted. Submit an original certificate of (expected) completion. If you cannot submit an original certificate, please submit a certificate of (expected) completion that has been notarized by an embassy or other public institutions.
Research Plan in Japanese or English 【⑤】	About 2,000 words in length. Submit 1 original and 3 copies. Draft an overview of your proposed research plan on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page).
Copy of Residence Card or Passport 【⑬】	For a residence card, submit a copy showing both sides. For a passport, submit a copy of pages showing your name, date of birth, photograph, expiration date, residence status, and the most recent period of stay.
Two Photographs	Affix a photograph taken within the last 3 months to the application form (for submission) and to the statement of reason for applying. Your photographs should not be retouched or edited. (The photograph affixed to your application form will be used on the student ID issued after enrollment, should you be admitted.)
Applicants who are eligible under qualification (1) to (3) above and have already submitted a master's thesis	
Outline of master's thesis in Japanese or English 【⑥】	About 2,000 words in length. Submit 1 original and 3 copies. Draft on a computer using A4-size paper (horizontal text with 40 words per row and 40 rows per page).
Copy of master's thesis in Japanese or English 【⑦】	4 copies
Applicants who are eligible under qualification (1) to (3) above and expect to submit a master's thesis	
Research results 【⑨】	4 reprints or copies each of academic articles, conference presentations, research reports and any other research papers.

3. Screening Method

The Graduate School will determine whether or not to admit applicants based on a comprehensive evaluation of document screening and oral examination.

4. Examination Components

Written Examination	Oral Examination
None	You will be notified of the start time for your oral examination on your entrance examination admission slip.

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**List of Research Fields and Academic Advisors for Ph. D. Degree Program
2023 Academic Year (Prospective)**

Discipline	Research Field	Faculty Member (○ indicates the research advisors)			
Integrated Science and Engineering Major					
Mathematics	Cohomological Aspects in Mathematics	Professor	Ph.D.	○SHODA, Toshihiro	
		Professor	Ph.D.	○FUJIOKA, Atsushi	
		Professor	Ph.D.	○MURABAYASHI, Naoki	
		Professor	Ph.D.	○YANAGAWA, Kohji	
		Professor	Ph.D.	○WAKUI, Michihisa	
		Associate Professor	Ph.D.	KANKI, Masataka	
Probability and Statistics	Probability and Statistics	Professor	Ph.D.	○UEMURA, Toshihiro	
		Professor	Ph.D.	○TAKEDA, Masayoshi	
		Associate Professor	Ph.D.	TERAMOTO, Hiroshi	
Pure and Applied Physics	Physics	Professor	Ph.D.	○ITANO, Tomoaki	
		Professor	Ph.D.	○ITOH, Hiroyoshi	
		Professor	Ph.D.	○ITO, Makoto	
		Professor	Ph.D.	○SUGIHARA-SEKI, Masako	
		Professor	Ph.D.	○WADA, Takahiro	
		Associate Professor	Ph.D.	HONDA, Syuta	
	Applied Physics	Applied Physics	Professor	Ph.D.	○ASAKAWA, Makoto
			Professor	Ph.D.	○INADA, Mitsuru
			Professor	Ph.D.	○YAMAGUCHI, Soichiro
			Professor	Ph.D.	○YAMAMOTO, Ken
Associate Professor	Ph.D.	YAMAMOTO, Mahito			
Mechanical Engineering	Nanophysics and Nanomaterials Engineering	Professor	Ph.D.	○ITO, Takeshi	
		Professor	Ph.D.	○SHIMIZU, Tomohiro	
		Professor	Ph.D.	○SINGUBARA, Shoso	
	Fluid Engineering and Biomechanics	Fluid Engineering and Biomechanics	Professor	Ph.D.	○BANDO, Kiyoshi
			Professor	Ph.D.	○YAMAMOTO, Yasufumi
			Associate Professor	Ph.D.	TAJIKAWA, Tsutomu
	Materials Engineering	Materials Engineering	Professor	Ph.D.	○SAITOH, Ken-ichi
			Professor	Ph.D.	○TAKAHASHI, Yoshimasa
			Professor	Ph.D.	○TAKUMA, Masanori
			Associate Professor	Ph.D.	SATO, Tomohiro
	Tribology and Micromechatronics for Information Equipment	Tribology and Micromechatronics for Information Equipment	Professor	Ph.D.	○KOGANEZAWA, Shinji
			Professor	Ph.D.	○TANI, Hiroshi
			Professor	Ph.D.	○LU, Renguo
	Thermal Engineering	Thermal Engineering	Professor	Ph.D.	○UMEKAWA, Hisashi
			Professor	Ph.D.	○MATSUMOTO, Ryosuke
			Associate Professor	Ph.D.	AMI, Takeyuki
			Associate Professor	Ph.D.	ODA, Yutaka
	Manufacturing Systems	Manufacturing Systems	Professor	Ph.D.	○FURUSHIRO, Naomichi
			Professor	Ph.D.	○YAMAGUCHI, Tomomi
			Associate Professor	Ph.D.	HIROOKA, Daisuke
	Mechanical Dynamics and Control Engineering	Mechanical Dynamics and Control Engineering	Professor	Ph.D.	○UTSUNO, Hideo
Professor			Ph.D.	○YAMADA, Keisuke	
Measurement Systems	Measurement Systems	Professor	Ph.D.	○ARAI, Yasuhiko	
		Professor	Ph.D.	○TAKATA, Keiji	
		Professor	Ph.D.	○MAE, Yasushi	

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Integrated Science and Engineering Major					
Mechanical Engineering	Robot and Microsystems	Professor	Ph.D.	○AOYAGI, Seiji	
		Professor	Ph.D.	○SUZUKI, Masato	
Associate Professor		Ph.D.	TAKAHASHI, Tomokazu		
	Ergonomics and Biomedical Engineering	Professor	Ph.D.	○KOTANI, Kentaro	
		Associate Professor	Ph.D.	SUZUKI, Satoshi	
Electrical, Electronic and Information Engineering	Electrical Engineering	Professor	Ph.D.	○OHASHI, Shunsuke	
		Professor	Ph.D.	○HAMADA, Shoji	
		Professor	Ph.D.	○YAMAMOTO, Yasushi	
		Associate Professor	Ph.D.	YONETSU, Daigo	
	Materials and Devices for Electronics and Optics	Professor	Ph.D.	○KITAMURA, Toshiaki	
		Professor	Ph.D.	○SAIKI, Taku	
		Professor	Ph.D.	○TAJITSU, Yoshiro	
		Associate Professor	Ph.D.	SATO, Shingo	
		Associate Professor	Ph.D.	TAKARADA, Jun	
	Information and Communication Engineering	Professor	Ph.D.	○HIRATA, Koji	
		Professor	Ph.D.	○YAMAMOTO, Miki	
		Professor	Ph.D.	○YOMO, Hiroyuki	
		Professor	Ph.D.	○WADA, Tomotaka	
	System Informatics	Professor	Ph.D.	○ITO, Hidetaka	
		Professor	Ph.D.	○HIKAWA, Hiroomi	
		Professor	Ph.D.	○MAEDA, Yutaka	
		Professor	Ph.D.	○MIYOSHI, Seiji	
	Media Processing	Professor	Ph.D.	○KAJIKAWA, Yoshinobu	
		Professor	Ph.D.	○MATSUSHIMA, Kyoji	
		Professor	Ph.D.	○MUNEYASU, Mitsuji	
	Intelligent Software Engineering	Professor	Ph.D.	○EBARA, Hiroyuki	
		Professor	Ph.D.	○KOJIRI, Tomoko	
		Professor	Ph.D.	○TOKUMARU, Masataka	
			Associate Professor	Ph.D.	HANADA, Yoshiko

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Integrated Science and Engineering Major				
Architecture	Structural Engineering	Professor	Ph.D.	○MASUI, Takeshi
		Professor	Ph.D.	○MATSUDA, Satoshi
		Professor	Ph.D.	○YAMAZAKI, Masahiro
		Associate Professor	Ph.D.	IKENAGA, Masahiro
	Architectural Design and Planning	Professor	Ph.D.	○OKAGE, Yoshifumi
		Professor	Ph.D.	○OKA, Eriko
		Professor	Ph.D.	○KAMETANI, Yoshihiro
		Professor	Ph.D.	○KINOSHITA, Hikaru
		Professor	Ph.D.	○FUJITA, Masaya
Associate Professor	Ph.D.	NOMURA, Masaharu		
Environmental Engineering in Architecture	Professor	Ph.D.	○TSUZUKI, Kazuyo	
	Professor	Ph.D.	○TOYODA, Masahiro	
	Professor	Ph.D.	○HARA, Naoya	
Civil, Environmental and Applied Systems Engineering	Environmental Engineering	Professor	Ph.D.	○ISHIGAKI, Taisuke
		Professor	Ph.D.	○OZAKI, Taira
		Professor	Ph.D.	○KUSUMI, Harushige
		Professor	Ph.D.	○TOBITA, Tetsuo
		Associate Professor	Ph.D.	HAYASHI, Michiko
		Associate Professor	Ph.D.	YASUDA, Tomohiro
	Design and Construction	Professor	Ph.D.	○ISHIKAWA, Toshiyuki
		Professor	Ph.D.	○TSURUTA, Hiroaki
		Associate Professor	Ph.D.	UEDA, Naoshi
		Associate Professor	Ph.D.	KITAOKA, Takafumi
	Planning and Management	Professor	Ph.D.	○AKIYAMA, Takamasa
		Professor	Ph.D.	○KITAZUME, Keiichi
		Professor	Ph.D.	○YUN, Yeboon
		Associate Professor	Ph.D.	INOKUCHI, Hiroaki
	Applied Systems Engineering	Professor	Ph.D.	○KANEKIYO, Hiroaki
		Professor	Ph.D.	○KUBOTA, Satoshi
		Professor	Ph.D.	○TAKIZAWA, Yasuhisa
		Professor	Ph.D.	○DAN, Hiroshige
Professor		Ph.D.	○YASUMURO, Yoshihiro	
Associate Professor		Ph.D.	ADACHI, Naotoshi	
Architecture / Civil, Environmental and Applied Systems Engineering	Regional Renaissance	Professor	Ph.D.	○ISHIGAKI, Taisuke
		Professor	Ph.D.	○OKA, Eriko
		Professor	Ph.D.	○KITAZUME, Keiichi
		Professor	Ph.D.	○KINOSHITA, Hikaru
		Professor	Ph.D.	○KUSUMI, Harushige

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Discipline	Research Field	Faculty Member (○ indicates the research advisors)		
Integrated Science and Engineering Major				
Chemical, Energy and Environmental Engineering	Energy Engineering	Professor	Ph.D.	○IKENAGA, Naoki
		Professor	Ph.D.	○NAKAGAWA, Kiyoharu
		Professor	Ph.D.	○MIYAKE, Takanori
		Professor	Ph.D.	○MURAYAMA, Norihiro
		Associate Professor	Ph.D.	SANO, Makoto
		Associate Professor	Ph.D.	FUKU, Kojiro
		Associate Professor	Ph.D.	MATSUOKA, Mitsuaki
	Environmental Chemistry	Professor	Ph.D.	○OKADA, Yoshiki
		Professor	Ph.D.	○TANAKA, Shunsuke
		Professor	Ph.D.	○HAYASHI, Jun'ichi
		Professor	Ph.D.	○YAMAMOTO, Hideki
		Associate Professor	Ph.D.	ARAKI, Sadao
		Associate Professor	Ph.D.	KINOSHITA, Takuya

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Integrated Science and Engineering Major				
Chemistry and Materials Engineering	Metallic Materials Design	Professor	Ph.D.	○UEDA, Masato
		Associate Professor	Ph.D.	MORISHIGE, Daiki
	Metallic Materials Processing	Professor	Ph.D.	○TAKENAKA, Toshihide
		Professor	Ph.D.	○NISHIMOTO, Akio
		Professor	Ph.D.	○HOSHIYAMA, Yasuhiro
		Professor	Ph.D.	○MARUYAMA, Toru
	Metallic and Inorganic Materials Properties	Professor	Ph.D.	○ARACHI, Yoshinori
		Professor	Ph.D.	○UCHIYAMA, Hiroaki
		Professor	Ph.D.	○KOZUKA, Hiromitsu
		Professor	Ph.D.	○TAKESHITA, Hiroyuki T.
		Professor	Ph.D.	○HARUNA, Takumi
	Inorganic and Physical Chemistry	Associate Professor	Ph.D.	KONDO, Ryota
		Professor	Ph.D.	○AOTA, Hiroyuki
		Professor	Ph.D.	○ISHIKAWA, Masashi
		Professor	Ph.D.	○KAWASAKI, Hideya
	Organic Chemistry	Associate Professor	Ph.D.	YAMAGATA, Masaki
		Professor	Ph.D.	○UMEDA, Rui
Professor		Ph.D.	○OBORA, Yasushi	
Professor		Ph.D.	○SAKAGUCHI, Satoshi	
Professor		Ph.D.	○NISHIYAMA, Yutaka	
Polymer Chemistry	Associate Professor	Ph.D.	YANO, Masafumi	
	Professor	Ph.D.	○KUDO, Hiroto	
	Professor	Ph.D.	○SANDA, Fumio	
	Professor	Ph.D.	○HARADA, Miyuki	
Biomaterials Chemistry	Associate Professor	Ph.D.	○SOGAWA, Hiromitsu	
	Professor	Ph.D.	○IWASAKI, Yasuhiko	
	Professor	Ph.D.	○OHYA, Yuichi	
	Professor	Ph.D.	○KAKINOKI, Sachiro	
	Professor	Ph.D.	○HIRANO, Yoshiaki	
	Professor	Ph.D.	○FURUIKE, Tetsuya	
Biofunctional Molecular Chemistry	Professor	Ph.D.	○MIYATA, Takashi	
	Associate Professor	Ph.D.	KAWAMURA, Akifumi	
	Professor	Ph.D.	○ISHIDA, Hitoshi	
	Professor	Ph.D.	○KUZUYA, Akinori	
Biofunctional Molecular Chemistry	Professor	Ph.D.	○YAJIMA, Tatsuo	
	Associate Professor	Ph.D.	NAKAI, Misaki	

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2023 Academic Year (Prospective)**

Discipline	Research Field	Faculty Member (○ indicates the research advisors)		
Integrated Science and Engineering Major				
Life Science and Biotechnology	Life and Pharmaceutical Science	Professor	Ph.D.	○OIKAWA, Tadao
		Professor	Ph.D.	SHIMOKE, Koji
		Professor	Ph.D.	○SUMIYOSHI, Takaaki
		Professor	Ph.D.	○NAGAOKA, Yasuo
		Associate Professor	Ph.D.	YASUHARA, Hiroki
		Associate Professor	Ph.D.	YAMANAKA, Kazuya
	Microbiology and Environmental Science	Professor	Ph.D.	○IWAKI, Hiroaki
		Professor	Ph.D.	○KATAKURA, Yoshio
		Professor	Ph.D.	○MATSUMURA, Yoshinobu
		Associate Professor	Ph.D.	OKANO, Kenji
		Associate Professor	Ph.D.	YAMASAKI, Shino
	Food and Nutrition Science	Professor	Ph.D.	KAWAHARA, Hidehisa
		Professor	Ph.D.	○FUKUNAGA, Kenji
		Professor	Ph.D.	○YOSHIDA, Munehiro
		Associate Professor	Ph.D.	HOSOMI, Ryota