

佐賀大学大学院理工学研究科・先進健康科学研究科  
ASEAN と日本の共発展を目指す T 型高度人材育成プログラム (EPAT)  
AI・データサイエンス高度人材の領域横断的育成プログラム (IEPAD)  
博士前期・修士課程 (外国人留学生－在外)  
日本政府 (文部科学省) 奨学金留学生募集要項

**Guide for the Application for the Japanese Government (MEXT) Scholarship of  
Education Program of Advanced T-shaped Person for Co-development  
of ASEAN and Japan (EPAT)  
and  
Interdisciplinary Education Program for AI and Data Science Specialists  
(IEPAD)**

**(Master Course)**

**2025**

Application Deadline: January 10, 2025.

Academic Year Start: October 1, 2025.

Graduate School of Science and Engineering  
Graduate School of Advanced Health Science  
SAGA UNIVERSITY

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THE JAPANESE GOVERNMENT (MEXT) SCHOLARSHIP  
OF EDUCATION PROGRAM OF ADVANCED T-SHAPED PERSON  
FOR CO-DEVELOPMENT OF ASEAN AND JAPAN (EPAT)

The Education Program of Advanced T-shaped Person for Co-development of ASEAN and Japan (EPAT) provides all lectures, seminars, and internships, etc. on global environmental, energy problems and health science expertise in English for both foreign and Japanese students. The EPAT is an educational course in the Graduate School of Science and Engineering and Graduate School of Advanced Health Science, Saga University, that started in October 2023, in order to nurture “T-shaped advanced human resources” who have a corporate perspective and AI data science besides a deep specialized research and development capabilities. This is a call for application to a two-year Master Course for the academic year of 2025, sponsored by the Scholarship Program of MEXT (The Ministry of Education, Culture, Sports, Science and Technology of the Japanese Government). Foreigners having the nationality of Indonesia, Malaysia, Myanmar, Thailand, Vietnam, Singapore, Philippines, Laos, Cambodia, Brunei, or Bangladesh and arriving from foreign countries to attend this program can apply to this scholarship program.

Environmental, energy and resource problems associated with rapid economic development are particularly serious in Asian countries, many of which are developing countries. For the sound development of developing countries, it is necessary to fully understand and analyze the challenges that Asian countries face, and to develop comprehensive technologies that also include management. EPAT will be established in the Graduate School of Science and Engineering and the Graduate School of Advanced Health Sciences in order to nurture “T-shaped advanced human resources” who have a corporate perspective and AI data science besides a deep specialized research and development capabilities. We aim to develop human resources who can demonstrate leadership in research and development related to the environment, equipped with specialized knowledge of science and engineering and medical engineering, a business perspective, and knowledge of AI and data science. We will contribute to the common development of ASEAN and Japan in order to solve energy and resource issues.

Applicants for EPAT's Master's degree program must determine their field of study from the courses below and select a relevant supervisor(s) listed in the faculty list. The applicants should contact the supervisor(s) before an application submission.

Graduate School of Science and Engineering:

Advanced Materials Chemistry Course, Energy and Mechanical Engineering Course, Mechanical Systems Engineering Course, Electrical and Electronic Engineering Course, Civil Engineering Course, Architectural Design Course

Graduate School of Advanced Health Sciences:

Biomedical Engineering Course, Functional Biomolecular Science Course

Students who complete the Master Course program of the EPAT are granted the Master’s Degree (Master of Science or Master of Engineering). In this application, the month of entrance is October, and they can enter the EPAT course immediately after completing their Bachelor program in their country without learning of Japanese language.

佐賀大学大学院理工学研究科・先進健康科学研究科  
ASEAN と日本の共発展を目指す T 型高度人材育成プログラム 博士前期・修士課程  
日本政府（文部科学省）奨学金留学生

佐賀大学大学院理工学研究科・先進健康科学研究科 ASEAN と日本の共発展を目指す T 型高度人材育成プログラム（EPAT）は、外国人留学生と日本人学生が共学し、環境、エネルギー及び健康科学の専門知識に関する講義、セミナー、およびインターンシップ研修などの教育カリキュラムを全て英語で実施します。外国人留学生は、日本語の習得の障壁なく日本で充実した教育を受け研究を行い、一層の修業成果を上げることができます。EPAT は、エネルギー・環境・健康科学分野に深い専門知識と研究開発能力を縦軸に有し、併せて企業的視野と AI・データサイエンスの知識を両翼にもつ T 字型高度人材を育成するため、2023 年 10 月にスタートしました。ここに、日本政府（文部科学省）の奨学金プログラムによる、2025 年度の博士前期・修士（2 年間）の学生を募集します。なお、インドネシア、マレーシア、ミャンマー、タイ、ベトナム、シンガポール、フィリピン、ラオス、カンボジア、ブルネイ、バングラデシュのいずれかの国籍を有し、日本国外から留学する者が本奨学金プログラムに応募できます。

多くが成長国（途上国）にあるアジア諸国において、急速な経済発展に伴う環境・エネルギー・資源問題は特に深刻です。成長国の健全な発展のために、アジア諸国がそれぞれに抱える課題を十分に把握・分析した上で、なおかつマネジメントも含む総合的な技術開発が求められています。EPAT は、深い専門的研究開発能力の縦軸と、企業的視野と AI・データサイエンスを両翼にもつ「T 字型の高度人材」を育成するために理工学研究科及び先進健康科学研究科に発足します。このプログラムは、修了後、理工学系分野及び医工学系分野の専門的知識と企業的視野、AI・データサイエンスの知識を持ち、環境・エネルギー・資源問題について研究開発やリーダーシップを発揮できる人材として、ASEAN と日本の共発展に貢献していくことを目的としています。

EPAT 博士前期・修士課程プログラムは、理工学研究科および先進健康科学研究科の機能材料化学コース、機械エネルギー工学コース、機械システム工学コース、電気電子工学コース、都市基盤工学コース、建築環境デザインコース、生体医工学コース、健康機能分子科学コースにおいて教育と研究指導が行われます。志願者は教員リストに記載されている指導教員のうちから、希望する研究分野を決定し、希望する指導教員を選んでください。申請書を提出する前に、希望する指導教員と連絡をとってください。

EPAT の博士前期・修士課程修了者には博士前期・修士（理学、工学のいずれか）の学位が与えられます。なお、本応募による外国人留学生の入学は 10 月であり、外国で大学（学部）修了後直ちに日本語の教育を受けることなく入学することができます。

THE JAPANESE GOVERNMENT (MEXT) SCHOLARSHIP  
OF INTERDISCIPLINARY EDUCATION PROGRAM FOR AI AND  
DATA SCIENCE SPECIALISTS (IEPAD)

The Interdisciplinary Education Program for AI and Data Science Specialists (IEPAD) provides all lectures, seminars, and internships, etc. on AI and data science technologies in English for both foreign and Japanese students. Students from overseas can learn and study completely in Japan without a hurdle of Japanese language. The IEPAD is an educational course in the Graduate School of Science and Engineering and Graduate School of Advanced Health Science, Saga University, that will start in October 2025, in order to bring up global researchers and engineers who will contribute to technological innovation in AI and data science fields. This is a call for application to a two-year Master Course for the academic year of 2025, sponsored by the Scholarship Program of MEXT (The Ministry of Education, Culture, Sports, Science and Technology of the Japanese Government). Foreigners having the nationality of Indonesia, Malaysia, Myanmar, Thailand, Vietnam, Singapore, Philippines, Laos, Cambodia, Brunei, India, Sri Lanka, Nepal, Pakistan, Bangladesh, Bhutan, or Maldives and arriving from foreign countries to attend this program can apply to this scholarship program.

The wisdom that humankind has created by its academic deepening has brought humanity a prosperous life through developing science and technology. To improve science and technology, it is necessary to sustain efforts from the viewpoint of AI and data science technologies. Educational study of AI and data science should be performed from all-round and global viewpoints. The IEPAD has been established in the Graduate School of Science and Engineering and Graduate School of Advanced Health Science in order to discuss and solve AI and data science problems. The scope and goal of this IEPAD is interdisciplinary education for students to possess an all-round insight for AI and data science from the global point of view after their completion by acquiring knowledge and thinking power.

In the Master Course program of the IEPAD, education and research guidance of the fields are given by the Data Science Course, Computer Science and Information Technology Course, Advanced Materials Chemistry Course, Energy and Mechanical Engineering Course, Mechanical Systems Engineering Course, Electrical and Electronic Engineering Course, Civil Engineering Course, Architectural Design Course, Biomedical Engineering Course, and Functional Biomolecular Science Course in the Graduate School of Science and Engineering and Graduate School of Advanced Health Science. Applicants should decide the research fields and choose prospective relevant supervisor(s) appearing on the List of Academic Staffs.

Students who complete the Master Course program of the IEPAD are granted the Master's Degree (Master of Science or Master of Engineering). In this application, the month of entrance is October, and they can enter the IEPAD course immediately after completing their Bachelor program in their country without learning of Japanese language.

佐賀大学大学院理工学研究科・先進健康科学研究科

AI・データサイエンス高度人材の領域横断的育成プログラム博士前期・修士課程

日本政府（文部科学省）奨学金留学生

佐賀大学大学院理工学研究科・先進健康科学研究科 AI・データサイエンス高度人材の領域横断的育成プログラム（IEPAD）は、外国人留学生と日本人学生が共学し、AIやデータサイエンス技術に関する講義、セミナー、およびインターンシップ研修などの教育カリキュラムを全て英語で実施します。外国人留学生は、日本語の習得の障壁なく日本で充実した教育を受け研究を行い、一層の修業成果を上げることができます。IEPADは、AIやデータサイエンスによる技術革新に貢献するグローバルな研究者や技術者を育成するため、2025年10月にスタートします。ここに、日本政府（文部科学省）の奨学金プログラムによる、2025年度の博士前期・修士課程（2年間）の学生を募集します。なお、インドネシア、マレーシア、ミャンマー、タイ、ベトナム、シンガポール、フィリピン、ラオス、カンボジア、ブルネイ、インド、スリランカ、ネパール、パキスタン、バングラデシュ、ブータン、モルディブのいずれかの国籍を有し、日本国外から留学する者が本奨学金プログラムに応募できます。

学問の深化により人類が生み出した英知は、科学技術を発展させることで人類に豊かな生活をもたらしています。科学技術の向上には、AI・データサイエンスの観点からの取り組みが必要です。AI・データサイエンスの教育研究は、総合的にしかも世界的な視野に立って取り組まなければなりません。IEPADは、AI・データサイエンスに関わる問題を議論し解決するために理工学研究科及び先進健康科学研究科に発足しました。このプログラムは、修了後、AI・データサイエンスに関する知識と思考力を持ち、世界的な視野で総合的に洞察できる学生を領域横断的な教育によって育成することを目的としています。

IEPAD 博士前期・修士課程プログラムは、理工学研究科および先進健康科学研究科のデータサイエンスコース、知能情報工学コース、機能材料化学コース、機械エネルギー工学コース、機械システム工学コース、電気電子工学コース、都市基盤工学コース、建築環境デザインコース、生体医工学コース、健康機能分子科学コースにおいて教育と研究指導が行われます。志願者は教員リストに記載されている指導教員のうちから、希望する研究分野を決定し、希望する指導教員を選んでください。申請書を提出する前に、指導教員と連絡をとってください。

IEPADの博士前期・修士課程修了者には修士（理学、工学のいずれか）の学位が与えられます。なお、本応募による外国人留学生の入学は10月であり、外国で大学（学部）修了後直ちに日本語の教育を受けることなく入学することができます。

GUIDE FOR THE APPLICATION FOR  
THE JAPANESE GOVERNMENT (MEXT) SCHOLARSHIP  
OF EPAT AND IEPAD

## QUALIFICATIONS

1. **Applicants:** Foreigners having the following nationality and arriving from foreign countries to attend the program can apply.  
EPAT: Indonesia, Malaysia, Myanmar, Thailand, Vietnam, Singapore, Philippines, Laos, Cambodia, Brunei, or Bangladesh  
IEPAD: Indonesia, Malaysia, Myanmar, Thailand, Vietnam, Singapore, Philippines, Laos, Cambodia, Brunei, India, Sri Lanka, Nepal, Pakistan, Bangladesh, Bhutan, or Maldives
2. **Grant history:** Applicants who had been granted with any kind of Japanese Governmental scholarship in past three years are required to have an appropriate experience in their study and/or educational activities in foreign countries for at least three years after the scholarship was completed.
3. **Age:** Applicants must be people who were born on or after April 2, 1990.
4. **Academic career:** Student's record of applicants should belong to high class in the university from which the applicant graduated. The following candidates may apply for admission:
  - a. Those who have received Bachelor's Degree from Japanese university.
  - b. Those who have received Bachelor's Degree after completing 16 years course of school education in foreign country, or will receive it as of September 30, 2025.
  - c. Those who have completed 16 years course of school education of foreign country in Japan through correspondence education of a foreign school, or will complete the course as of September 30, 2025.
  - d. Those who have completed 16 years course of school education of foreign country at educational institutions of the foreign country in Japan, which is designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government, or will complete the course as of September 30, 2025.
  - e. Those who have completed 15 years course of school education in foreign country, and been admitted by the Graduate School of Saga University to obtain sufficient credits with excellent score.
  - f. Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government.
  - g. Those who are 22 years old or more as of September 30, 2025, and are admitted by the Graduate School of Saga University as that their academic abilities are equivalent to or higher than Bachelor's Degree of Japanese universities upon reviewing the submitted materials.
5. **Health:** Applicants should be in good health both mentally and physically.
6. **Language proficiency:** A good working level of English is required.
7. **Arrival in Japan:** Applicants should arrive in Japan by September 30, 2025, if admitted.

## Remarks

- 1) Military personnel and civilian employees of the armed forces are not eligible.
- 2) Admission shall be canceled if the applicant fails to arrive in Japan between the dates mentioned above.
- 3) At our university, only one member of a married couple should apply. The scholarship cannot be applied for when one member of a married couple has received the Japanese government scholarship.
- 4) Neither applicants for other universities in Japan for the Japanese government scholarship, nor applicants for embassy recommendation, nor the recipients of scholarships from their country are eligible for this program.
- 5) The scholarship shall be canceled if the applicant fails to receive the Bachelor's Degree by September 30, 2025.
- 6) If you are handicapped and hope the special care about the entrance examination or the study in Japan, please consult with the entrance examination office before the application.

## 応募資格

1. **国籍**：下記のいずれかの国籍を有し、日本国外から留学する者  
 EPAT：インドネシア、マレーシア、ミャンマー、タイ、ベトナム、シンガポール、フィリピン、ラオス、カンボジア、ブルネイ、バングラデシュ  
 IEPAD：インドネシア、マレーシア、ミャンマー、タイ、ベトナム、シンガポール、フィリピン、ラオス、カンボジア、ブルネイ、インド、スリランカ、ネパール、パキスタン、バングラデシュ、ブータン、モルディブ
2. **奨学金歴**：日本政府からの各種奨学金を過去3年間に受給したことがある者は帰国後3年以上の教育・研究等の経験が必要です。
3. **年齢**：原則として1990年4月2日以降に出生した者
4. **学歴等**：下記のいずれかに該当し、学業成績が最終出身大学等において上位クラスに属する者
  - a. 日本の大学から学士の学位を授与された者
  - b. 外国において、学校教育における16年の課程を修了し、学士の学位を授与された者又は2025年9月30日までに修了見込みの者
  - c. 外国の学校が行う通信教育における授業科目を我が国において履修することにより当該外国の学校教育における16年の課程を修了した者又は2025年9月30日までに修了見込みの者
  - d. 我が国において、外国の大学の課程（その修了者が当該外国の学校教育における16年の課程を修了したとされるものに限る。）を有するものとして当該外国の学校教育制度において位置付けられた教育施設であって、文部科学大臣が別に指定するものの当該課程を修了した者又は2025年9月30日までに修了見込みの者
  - e. 外国において学校教育における15年の課程を修了した者で、本学大学院において、所定の単位を優れた成績をもって修得したものと認めた者
  - f. 文部科学大臣の指定した者
  - g. 本学大学院において、個別の入学資格審査により、日本の大学を卒業した者と同等以上の学力があると認めた者で、2025年9月30日において満22歳に達した者
5. **健康状態**：心身ともに健全な者
6. **語学力**：英語の能力が十分な者
7. **渡日**：合格した場合、2025年9月30日までに渡日可能な者

## 注

- 1) 現役軍人や軍属の資格の者は出願できません。
- 2) 上記に指定された期間に渡日できない者は採用を取り消されます。
- 3) 本学では、配偶者が既に国費外国人留学生である者は出願できません。また夫婦が同時に申請することはできません。
- 4) 日本の他大学に併願している者、大使館推薦に出願している者及び自国の奨学金を受給している者は出願できません。
- 5) 学士の学位を取得見込みの者で、奨学金受給候補者となったものは、2025年9月30日までに学位を取得できなければ、採用は取り消されます。
- 6) 障がい等を有する志願者で、受験上及び修学上の配慮を必要とする方は、出願前に入試課に相談してください。



## **SCHOLARSHIP BENEFITS**

1. Monthly allowance: A monthly amount of 144,000 Yen (as of 2024) shall be paid from MEXT for two years from October 2025. This allowance may not be paid if the recipient is absent from school for over a month.
2. Allowance for transportation
  - a. Transportation to Japan: MEXT shall provide an economy class air ticket between the international airport nearest to the scholarship recipient's residence in the country of the scholarship recipient's nationality and Narita International Airport or Fukuoka International Airport. MEXT will appoint route and date of the flight. The travel fee in the recipient's home country, the airport fee, the airport tax, special tax for the transportation, and the travel fee in Japan should be covered at recipient's own expense. (In principle, "the scholarship recipients' residence" is defined as the mailing address denoted on the application form.)
  - b. Transportation from Japan: According to the scholarship recipient's application, MEXT shall provide a set of economy class air tickets to the recipients who will leave for their home countries in the month of their completion of the program. The coverage of the tickets shall be from Narita International Airport or Fukuoka International Airport to the international airport nearest to the place of their residence in their home country. This privilege shall be applicable for the scholarship recipient.
3. School fees: All school fees such as entrance examination, registration, and tuition costs, shall be waived.

### **Remarks**

- 1) Travel and accident insurance to/from Japan should be covered at recipient's own expense. The international airport departing to/from Japan must be the international airport in the country of the scholarship recipient's nationality.
- 2) The MEXT scholarship will be granted for 2 years to complete the Master course program of the EPAT or IEPAD.

## **SELECTION AND ADMISSION**

1. Applicants who have excellent records will take an interview or an Internet interview with your desired Advisory Professor (Supervisor) after all-round judgment of submitted papers. The interview or the Internet interview certifies that each applicant does not apply for another university and that the applicant will enter Saga University certainly when the applicant is selected as a candidate of the scholarship. The academic ability of applicants is also confirmed by the interview or the Internet interview.
2. Applicants shall be examined by the Screening Committee of the program. Only those who have a solid academic background, research capability and commitment are selected. The selected scholarship candidates will be informed in the middle of February 2025. After that, they will be recommended to MEXT for the award of a scholarship in the late of February to March. The final decision of MEXT will be informed to the candidates through Saga University in June 2025.
3. When the applicants accept being selected as a scholarship candidate, they should withdraw all other scholarship applications.
4. The number of scholarship recipients is 3 for both EPAT and IEPAD.

### **Remarks**

- 1) Applicants selected by MEXT as grantees must enroll in the program. Refusal to enter the course after acceptance is not allowed.
- 2) Those who apply for Saga University are not allowed to apply for any other universities as the MEXT scholarship student.
- 3) For those who have applied for the Japanese government scholarship from Saga University and other universities simultaneously, the MEXT will cancel their applications for all universities, even if applicants are admitted as the MEXT scholarship student at Saga University.

## 奨学金給付

1. 毎月の支給額：2025年10月からの2年間、文部科学省から月額144,000円（金額は2024年現在）が支給されます。奨学金受給者が1か月以上大学に在学しない場合は、支給されません。
2. 旅費給付金
  - a. 渡日旅費：文部科学省から、旅行日程及び経路を指定して、渡日する留学生の居住地最寄りの国際空港から成田国際空港（又は受入大学が通常の経路で使用する国際空港。）までの下級航空券を交付されます。なお、渡日する留学生の居住地から最寄りの国際空港までの旅費、空港使用料、空港税、渡航に要する特別税、日本国内の旅費等は留学生の自己負担です。（「留学生の居住地」は原則として申請書に記載された現住所とする。）また、国籍国以外からの航空券は支給しません。
  - b. 帰国旅費：文部科学省から、奨学金支給期間終了月内に帰国する留学生については、本人の申請に基づき、成田国際空港（又は受入大学が通常の経路で使用する国際空港。）から当該留学生が帰着する場所の最寄りの国際空港までの下級航空券が交付されます。
3. 諸経費：検定料、入学料、授業料などの諸経費は免除されます。

## 注

- 1) 渡日や帰国中の旅行保険代金は受給者負担です。また、出発及び到着空港は留学生が国籍を有する国の空港に限ります。
- 2) 文部科学省からの国費支給期間は博士前期・修士課程修了までの2年間です。

## 選考と入学許可

1. 志願者のうちで、提出された書類を審査し、総合的に判断して成績が優秀な者については、指導を希望する教員等による面接又はインターネットインタビューが行われます。面接又はインターネットインタビューでは、学力、他大学に併願をしていないこと及び奨学金受給者として決定した場合は、必ず本学へ入学すること等の確認が行われます。この面接又はインターネットインタビューの結果は、奨学金受給候補者の選考に当たり、重要な資料となります。
2. 志願者は、プログラムの選考委員会によって選考され、学業成績、研究能力、面接等の結果が優秀であり、かつ出身大学等からの強い推薦がある者だけが奨学金受給候補者として選ばれます。奨学金受給候補者は2025年2月中旬に通知されます。その後、2月下旬から3月に文部科学省へ奨学金受給候補者として推薦します。文部科学省の最終決定は2025年6月に本学を通じ、候補者へ通知されます。
3. 本学の奨学金受給候補者として確約する時は、他のすべての奨学金申請を取り消さなくてはなりません。
4. 奨学金受給者数はEPATとIEPADのそれぞれで3ずつ名です。

## 注

- 1) 文部科学省によって奨学金受給者として選ばれた志願者は、当該プログラムに入学しなければなりません。入学辞退は許可されません。
- 2) 本学へ申請している者は、他大学へ文部科学省奨学金学生として申請することは認められません。
- 3) 志願者が、本学の奨学金受給者として入学を許可されていても、他大学と併願していた場合は、両方の大学の奨学金受給者としての資格を取り消されます。

## ENROLLMENT

1. Date of enrollment is October 1, 2025.
2. Scholarship grantees shall be enrolled as regular graduate students of Saga University.

## APPLICATION PROCEDURE

1. Applicants should prepare the following documents to be forwarded to the Entrance Examination Office, Saga University. Simultaneous applications for both EPAT and IEPAD are acceptable. In the case of simultaneous applications, a comprehensive set of documents should be submitted for each application. However, it is acceptable to submit the original certificates for one program and the copy documents for the other program.
  - (1) **Application Form** (Form A).
  - (2) **Application Form for Japanese Government (MEXT) Scholarship (Research Students)** (Form B). (This should be printed on both sides.)
  - (3) **Field of Study and Research Plan** (Form C). (This should be printed on both sides.)
  - (4) **Official transcript of Bachelor's Degree or certification of Bachelor's Degree.** If applicant is a student now, certificate that the applicant will be provided Bachelor's Degree before September 30, 2025.
  - (5) **Transcripts of Academic Record issued by the university authorities and their English translation.** (The criteria of academic assessment should be also shown.)
  - (6) **Certificate of the student's record being in high class in the university from which the applicant graduated.** (GPA, ranking at the class, classification of ABC, or another corresponding numerical index)
  - (7) **English summary of Bachelor Thesis or its equivalent if available, not exceeding four sheets of A4 size paper typed in double space.** When a Bachelor Thesis is not required by the university from which the applicant graduated, prepare a statement to that effect.
  - (8) **Certificate of Citizenship issued by the appropriate authorities.**
  - (9) **Recommendation and Reference**
    - a. A letter of **Recommendation** (Form D) from the head (Dean, in case of university) of the applicant's affiliated institution.
    - b. Letter(s) of **Reference** (Form E) from those who know the applicant's research/study capability addressed to the President of Saga University.

**The letters of recommendation and reference(s) should indicate the English proficiency of the applicant.** The recommendation letter should refer to certification that the applicant will surely enter Saga University, if the applicant is selected as a Grantee of MEXT scholarship.
  - (10) **Certificate of English ability** (for example, IELTS, TOEFL, TOEIC).
  - (11) **PLEDGE (Form F)**
  - (12) **Three Photographs** (hatless portrait), 4.5 cm×3.5 cm in size, taken within six months of application date. Two copies should be attached to the application form. One extra copy should be enclosed therein, with the applicant's name and the nationality on the reverse side of the copies.
2. All documents should be sent by registered air mail, and must arrive at the Entrance Examination Office by **January 10, 2025.**

### Remarks

- 1) The above documents should be typewritten in English on A4 size paper.
- 2) Incomplete documents are not acceptable.
- 3) Applicants are advised to choose their desired Advisory Professor (Supervisor) and to indicate the supervisor's name on the application form (Form A).
- 4) None of the documents submitted is returned to the applicant in any case.

## 入学

1. 入学日は2025年10月1日です。
2. 奨学金受給者は、本学の正規大学院生として登録されます。

## 申請

1. 志願者は、下記の出願書類を準備し、佐賀大学学務部入試課へ送付してください。EPAT と IEPAD を併願することが可能です。併願する場合は、それぞれの申請に対して書類一式の提出が必要です。ただし、一方のプログラムに証明書原本を提出し、もう一方のプログラムにコピーを提出しても構いません。
  - (1) 申請書（様式 A）
  - (2) 日本政府（文部科学省）奨学金留学生申請書（研究留学生）〔特別枠〕（様式 B）（両面印刷すること）
  - (3) 専攻分野及び研究計画（様式 C）（両面印刷すること）
  - (4) 学位証明書又は学位記の写し（原本と相違ないことが証明されたもの）。現在学生の者は、2025年9月30日までに学士の学位を取得予定であるという証明書
  - (5) 大学から出される成績証明書とその英語訳（成績評価の基準がわかるものも提出すること）
  - (6) 最終出身大学において上位クラスに属することが証明されたもの（GPA、ABC のクラス分け、具体的な順位等）
  - (7) 卒業論文の概要又は研究報告書など卒業論文の概要と同等のもので、A4用紙4枚以内、英文のダブルスペースでタイプしたもの。志願者が修了した大学で卒業論文が必要とされなかった場合は、その趣旨の申告書を提出してください。
  - (8) 本国の戸籍謄本又は市民権等の証明書
  - (9) 推薦書及び証明書
    - a. 申請者が属する機関の長（大学においては学部長）の推薦書（様式 D）
    - b. 佐賀大学長あてに、志願者の研究／学力を知る者による証明書を提出してください。（様式 E）  
推薦書と証明書は志願者の英語能力が記されていなければなりません。もし志願者が文部科学省奨学金受給者となった場合は、推薦書は本学へ必ず入学するということを証明する確約書のひとつとなります。
  - (10) 英語能力を客観的に示す証明書（例えば IELTS、TOEFL、TOEIC など）
  - (11) 誓約書（様式 F）
  - (12) 4.5 cm×3.5 cm サイズで申請日前6か月以内に撮られた写真3枚（上半身、脱帽、正面向き）。そのうち2枚は申請書に貼付してください。他の1枚の写真は、その裏に申請者名と国名を記入し、出願書類に同封してください。
2. すべての書類は書留の航空便で送付してください。2025年1月10日までに佐賀大学学務部入試課必着とします。

## 注

- 1) 上記の書類は、A4用紙に英語でタイプしてください。
- 2) 不備書類は、受付不可とします。
- 3) 志願者は、教員リストから希望する教員を選び、その教員名を申請書（様式 A）に必ず記入してください。
- 4) 提出された書類は、志願者へ返却することはありません。

## NOTES

1. The rights of a grantee of the scholarship shall be deprived under the following cases:
  - a) False statements on the documents.
  - b) Violation of the pledge.
  - c) Leaving and/or transferring from the Graduate school of Saga University.
  - d) Violation of school regulations, and/or no satisfactory academic achievement. (GPA less than 2.3)
2. Grantees are recommended to be well acquainted with the Japanese language, culture, customs, etc. A skill of the Japanese language is necessary in daily life.
3. Grantees are expected to complete their Master's Course Program within two years.
4. Part of grantees who proceed to the Doctor Course of the program will be permitted the extension in the periods of scholarship if the petition is accepted by the MEXT.
5. Applicants who are not selected as a candidate of the scholarship will have the information of failure in the middle of February 2025. If the applicants desire to enter the program of Saga University as the Private-Expense foreign students, they can apply again according to the application guidelines to be published at a late date, and they will receive the results of selection in July.

The Private-Expense foreign students must pay the following entrance examination fee, entrance fee, and tuition fee.

Entrance examination fee: 30,000 yen

Entrance fee: 282,000 yen (scheduled).

Tuition fee: 267,900 Yen for each semester (scheduled). [535,800 Yen per academic year (scheduled).]

Amount of due might be slightly revised depending on the decision of the administration council.

Payments must be made for each semester biannually within the beginning two months of the semester.

The following assistance, such as tuition assistance and scholarships, may be available.

1. Exemption of tuition fee from complete to 50% may be granted depending on circumstances.
2. There are several scholarships for private-expense foreign students. Students can apply for these scholarships.
3. Housing: Students can apply to Saga University International House, or low-cost apartments supported by Saga prefecture and other organizations.

## CORRESPONDENCE

The application form should be sent by air mail to the address shown below. Note that the application forms must not be submitted in any kind of electronic form. Forms sent by facsimile and attached files on e-mail are not accepted on any occasion.

**\* If you have difficulty mailing your documents by the deadline, please contact us at the e-mail address below.**

**Entrance Examination Office**

**Saga University**

**1 Honjo-machi**

**Saga 840-8502, Japan**

**Fax: (+81)-952-28-8944**

**E-mail: (EPAT) [epat@mail.admin.saga-u.ac.jp](mailto:epat@mail.admin.saga-u.ac.jp)**

**(IEPAD) [iepad@mail.admin.saga-u.ac.jp](mailto:iepad@mail.admin.saga-u.ac.jp)**

## 注意事項

1. 下記の場合には、志願者は奨学金の受給資格を失います。
  - a) 書類上の不正申告
  - b) 誓約書違反
  - c) 佐賀大学大学院を退学した場合
  - d) 学則違反や成績不良（GPA2.3 未満）
2. 奨学金受給者は、日本語、文化、習慣などをよく身につけるように勧められます。日々の生活に日本語の知識は必要です。
3. 奨学金受給者は、2年以内に博士前期・修士課程を修了しなければなりません。
4. プログラムの博士後期課程に進学する者のうち、文部科学省から許可された者は、文部科学省奨学金を延長することができます。
5. 奨学金受給候補者として選ばれなかった者には、2月中旬にその旨通知があります。その後、私費であっても入学を希望する場合は、後日公表される募集要項に従い再度出願すれば、7月に私費入学の可否判定を受けることができます。

私費外国人留学生の場合、以下の入学検定料、入学料、授業料が必要です。

入学検定料：30,000 円

入学料：282,000 円（未定）

授業料：267,900 円（未定）学期ごと [年間 535,800 円（未定）]

入学料、授業料は若干変更になる可能性があります。授業料は各学期の 2 ヶ月以内に支払う必要があります。以下の授業料補助、奨学金制度が受けられる可能性があります。

1. 状況により、授業料半額免除が受けられる可能性があります。
2. 各種奨学金制度に応募できます。
3. 佐賀大学国際交流会館や佐賀県や民間が補助する安い宿舎に応募できます。

## 問合せ先

プログラムへの申請書等は、下記あてに航空便で送ってください。ファックスやEメールでの出願は受理できません。

※締め切りまでに書類の郵送が困難な場合は、下記のEメールアドレスへご連絡ください。

〒840-8502

日本国佐賀県佐賀市本庄町1番地

佐賀大学学務部入試課

Fax: (+81)-952-28-8944

Email: (EPAT) [epat@mail.admin.saga-u.ac.jp](mailto:epat@mail.admin.saga-u.ac.jp)

(IEPAD) [iepad@mail.admin.saga-u.ac.jp](mailto:iepad@mail.admin.saga-u.ac.jp)



<b>Mechanical Systems Engineering Course</b>				
<b>Laboratory of Advanced Materials Systems</b>				
Academic Staffs:	<b>Hagihara, S.</b>	<b>Tadano, Y.</b>	<b>Taketomi, S.</b>	<b>Morita, S.</b>
Research Fields:	Numerical analysis for structures, Mechanics of composite material, Finite element method, Evaluation of fatigue strength of various metals and advanced materials			
<b>Laboratory of Machine Design and Production Systems</b>				
Academic Staffs:	<b>Hasegawa, H.</b>	<b>Mawatari, T.</b>	<b>Ohshima, F.</b>	
Research Fields:	Design and manufacturing system of gears, Precision machine elements and tribology, Precision finishing and characterization of solid surfaces, Rolling contact fatigue, Friction and wear of contact surfaces			
<b>Laboratory of Advanced Robotics and Control Systems</b>				
Academic Staffs:	<b>Sato, K.</b>			
Research Fields:	Sustainable robots, Networked robots, Man-machine interface, Control theory, Adaptive control, Robust control, Mechatronics, Softcomputing, Nonlinear control			

<b>Electrical and Electronic Engineering Course</b>				
<b>Laboratory of Communication Engineering and Advanced Circuit Technology</b>				
Academic Staffs:	<b>Tanaka, Takayuki.</b>	<b>Nishiyama, E.</b>		
Research Fields:	Microwave circuits, Planar antennas, Wireless power transfer, Wireless communication systems			
<b>Laboratory of Power Electronics</b>				
Academic Staffs:	<b>Takahashi, K.</b>			
Research Fields:	Power electronic devices, Wide-gap semiconductors such as diamond, Synchrotron x-ray radiation, Surface science, Photovoltaic System			
<b>Laboratory of Optoelectronics</b>				
Academic Staffs:	<b>Guo, Q.</b>	<b>Tanaka, Tooru.</b>	<b>Ihara, S.</b>	
Research Fields:	Optoelectronic Materials and Applications, Epitaxial growth and characterization of semiconductor materials, Advanced optoelectronic devices, Photovoltaics, Pulse power engineering, Synchrotron light application for materials processing and characterization			
<b>Laboratory of Advanced Computational Engineering and Artificial Intelligence</b>				
Academic Staffs:	<b>Wakuya, H.</b>	<b>Itoh, H.</b>	<b>Fukumoto, H.</b>	
Research Fields:	Power Engineering and Smart Power Grid System, Electromagnetic and Acoustic Analyses, Virtual Reality (VR) and Augmented Reality (AR), Biomedical Signal Processing, Neural Networks, Intelligent Robotics, Natural Language Processing			
<b>Laboratory of Plasma Electronics</b>				
Academic Staffs:	<b>Ohtsu, Y.</b>			
Research Fields:	Plasma electronics, Plasma discharge application (CVD, sputtering), Preparation of functional thin films for electronic device			



**Civil Engineering Course****Architectural Design Course****Laboratory of Structural Engineering and Mechanics**

Academic Staffs: **Ito, Y.** **Obiya, H.**  
 Research Fields: Structural engineering, Earthquake engineering, Linear, nonlinear, elastic, nonelastic, static, and dynamic analysis of structure, Concrete materials, reinforced and prestressed concrete structures

**Laboratory of Geotechnical Engineering**

Academic Staffs: **Hino, T.** **Negami, T.**  
 Research Fields: Analytical study of geotechnical problems, Soil improvement and earth reinforcement, Land subsidence, Stabilization of ground, Geoenvironmental engineering, Road engineering, Pavement engineering, Waste treatment engineering

**Laboratory of Environmental System Engineering**

Academic Staffs: **Yamanishi, H.** **Narumol, V.** **Oshikawa, H.** **Mishima, Y.**  
 Research Fields: Coastal engineering, Ecohydraulics and sediment transport, Fluid dynamics, River engineering, Water resources engineering, Water environmental engineering, Water pollution control, Wastewater treatment systems

**Laboratory of Urban Design and Architecture**

Academic Staffs: **Mishima, N.** **Goto, R.** **Miyahara, M.**  
 Research Fields: Architectural design, Architectural planning, Land- and townscape design, Regenerative design of architecture and urban space, Preservation of historic environment, Regional disaster prevention plan

**Laboratory of Environmental Design for Architecture**

Academic Staffs: **Kojima, S.** **Nakaohkubo, K.**  
 Research Fields: Building thermal environment, Urban thermal environment, Energy conservation of building environment, HVAC control for building environment

**Laboratory of Social Systems Management**

Academic Staffs: **Li, H.** **Inohae, T.**  
 Research Fields: Transportation system and planning, Urban development and urban systems, Residential environment evaluation, Prevention for urban disaster, Urban energy management, Urban environmental evaluation

## GRADUATE SCHOOL OF ADVANCED HEALTH SCIENCE [MASTER COURSE]

<b>Biomedical Engineering Course</b>			
<b>Laboratory of Systems Control</b>			
Academic Staffs:	<b>Goto, S.</b>	<b>Sugi, T.</b>	<b>Matsuda, Y.</b>
Research Fields:	Medical systems control, Plant systems control, Remote systems control, Mechatronic systems control and robotics, Reliability analysis for power plant, Control systems design		
<b>Laboratory of Applied Computing</b>			
Academic Staffs:	<b>Muramatsu, K.</b>		
Research Fields:	Numerical analysis of electromagnetic field, Optimal design of electromagnetic apparatus, Modelling of magnetic materials		
<b>Laboratory of Biosensors</b>			
Academic Staffs:	<b>Kimoto, A.</b>		
Research Fields:	Intelligent-composite multisensors, Tactile sensors mimicking human perceptions, Non-invasive imaging with composite sensors		
<b>Laboratory of Smart Sensing</b>			
Academic Staffs:	<b>Khan, T. I.</b>		
Research Fields:	Smart sensing of biomedical engineering dynamics, Acoustics and Diagnostics, Artificial Intelligence, Sensing systems control, Non-destructive testing		
<b>Laboratory of Environmental Fluids Systems</b>			
Academic Staffs:	<b>Hashimoto, T.</b>	<b>Sumi, T.</b>	
Research Fields:	High speed aerodynamics, Medical application of shock wave, Multiphase flow, Rheology of soft materials, Computational fluid dynamics		
<b>Laboratory of Robotics and Computational Intelligence</b>			
Academic Staffs:	<b>Izumi, K.</b>		
Research Fields:	Robotics, Mechatronics, Computational Intelligence, Machine learning		

<b>Functional Biomolecular Science Course</b>			
<b>Laboratory of Analytical Chemistry</b>			
Academic Staffs:	<b>Umecky, T.</b>		
Research Fields:	Structure and dynamics of liquids and solutions, Solvation structure of amino acids, peptides, and proteins in binary solutions, Physicochemical properties of room-temperature ionic liquids		
<b>Laboratory of Inorganic Chemistry</b>			
Academic Staffs:	<b>Koikawa, M.</b>	<b>Yoneda, K.</b>	
Research Fields:	Synthesis and magnetochemistry of polynuclear transition-metal complexes, X-Ray crystal structural analysis of metal complexes, Synthesis and guest-responsivity of porous coordination polymers		
<b>Laboratory of Physical Chemistry</b>			
Academic Staffs:	<b>Unno, M.</b>	<b>Fujisawa, T.</b>	
Research Fields:	Molecular spectroscopy, Biophysics of Photoreceptors		
<b>Laboratory of Bioorganic Chemistry</b>			
Academic Staffs:	<b>Osada, S.</b>		
Research Fields:	Structure-based design, synthesis and biological evaluation of enzyme inhibitors, Structure-Function Relationship of biologically active peptides		

# ACADEMIC STAFFS ATTENDING EPAD COURSES AND THEIR RESEARCH INTERESTS AND MAJOR FIELDS

## GRADUATE SCHOOL OF SCIENCE AND ENGINEERING [MASTER COURSE]

<b>Data Science Course</b>	
<b>Computer Science and Information Technology Course</b>	
<b>Laboratory of Smart System</b>	
Academic Staffs:	<b>Matsumae, S.                      Nakayama, K.                      Ueda, S.</b>
Research Fields:	Intelligent Informatics, Artificial Intelligence, Parallel and Distributed Algorithms
<b>Laboratory of Data Science</b>	
Academic Staffs:	<b>Minamoto, T.                      Ishimoto, Y.                      Hiroto, M.                      Kimura, T.</b>
Research Fields:	Numerical Verification, Image Processing, Signal Processing, Digital Watermarking, Wavelet Analysis, Applied Mathematics, Data Science, Numerical Analysis, Mathematical Programming, Coding Theory, Information Theory, Information Security, Lifescience informatics, Biophysical system
<b>Laboratory of Computer Software</b>	
Academic Staffs:	<b>Ohtsuki, M.</b>
Research Fields:	Software Engineering, Data Science, Information System, Computing Education, Learning Analytics, Software Tool, Computer and Society
<b>Laboratory of Cyber Physical System</b>	
Academic Staffs:	<b>Fukuda, O.                      Okumura, H.                      Yamaguchi, N.</b>
Research Fields:	Artificial intelligence, Robotics, Intelligent sensing, Data Science, Data visualization, Biological system, Remote sensing, Medical image processing, Machine learning, Reinforcement learning
<b>Laboratory of Fundamental and Applied Informatics</b>	
Academic Staffs:	<b>Hanada, E.                      Hori, Y.                      Okazaki, Y.                      Heida, Y.</b>
Research Fields:	<b>Otani, M.</b> Information/Communication Systems in Clinical medicine/Healthcare/Welfare, Hospital Facilities, Information and Systems in Education, Computational Science, Information network, Network security

<b>Advanced Materials Chemistry Course</b>	
<b>Laboratory of Inorganic Chemistry</b>	
Academic Staffs:	<b>Yamada, Y.</b>
Research Fields:	Measurements of magnetic susceptibility and ESR for transition-metal complexes Synthesis of binuclear copper (II) complexes, polynuclear metal complexes, and model complexes of metalloenzyme, X-Ray structural analysis of metal complexes
<b>Laboratory of Applied Physical Chemistry</b>	
Academic Staffs:	<b>Sakaguchi, K.</b>
Research Fields:	Development of optoelectronic organic / inorganic nano hybrid, Development of photonic and optoelectronic organic materials, Development of functionalized carbon materials, Fabrication and evaluation of organic devices, Preparation and characterization of stimulus-responsive polymer particles and lipid vesicles
<b>Laboratory of Chemical Engineering</b>	
Academic Staffs:	<b>Ohto, K. Morisada, S.</b>
Research Fields:	Separation science and engineering of metals and biomaterials with solvent extraction, ion exchange and adsorption, Material resource recycling for sustainable society, Environmental Engineering, Colloid and surface engineering
<b>Laboratory of Bioelectrochemistry</b>	
Academic Staffs:	<b>Tominaga, M.</b>
Research Fields:	Bioelectrochemistry, Functional electrode, Redox enzyme, Biosensor, Biofuel cell
<b>Laboratory of Applied Organic Chemistry</b>	
Academic Staffs:	<b>Takeshita, M.</b>
Research Fields:	Construction of supramolecular systems based on molecular recognition and development for advanced organic materials, Development of organic light-emitting diodes, Development of photo-functionalized material
<b>Laboratory of Ceramic Engineering</b>	
Academic Staffs:	<b>Yada, M.</b>
Research Fields:	Preparation of ceramics: solid state reaction, sol-gel process, reactive infiltration, Eco-friendly ceramics: luminescence materials for energy-saving, ceramic recycle and porous ceramics for environmental cleanup, Nano-size functional ceramics: nano-fiber, nano-tube, nano-composites
<b>Laboratory of Environmental Chemical Engineering</b>	
Academic Staffs:	<b>Kawakita, H.</b>
Research Fields:	Polymer preparation using enzymatic reaction, Metal adsorption by functional polymer, Polysaccharide synthesis for food engineering

<b>Energy and Mechanical Engineering Course</b>	
<b>Laboratory of Environmental Fluids Systems</b>	
Academic Staffs:	<b>Kinoue, Y. Shiomi, N.</b>
Research Fields:	Turbomachinery, Numerical analysis of fluid flow, High speed aerodynamics, Vibration and noise control, Wells turbine for wave power generator, Control of shock wave, Flow separation, Development of nozzle, Multiphase flow
<b>Laboratory of Thermal Energy Systems</b>	
Academic Staffs:	<b>Mitsutake, Y. Kariya, K. Ishida, K.</b>
Research Fields:	Enhancement of boiling heat transfer and critical heat flux, High efficiency heat exchanger, Measurements of thermophysical properties, Heat and mass transfer, Condensation, Boiling, Heat exchanger, Heat pump, Refrigeration, Geothermal heat pump
<b>Laboratory of Ocean Energy</b>	
Academic Staffs:	<b>Ikegami, Y. Yoshida, S. Arima, H. Imai, Y. Murakami, T.</b>
Research Fields:	Wave and tidal energy conversion systems, Marine hydrodynamics, Ocean thermal energy conversion plant, Development of thermal energy conversion systems, Boiling heat transfer, two-phase flow, effective utilization of thermal energy, Rotor aerodynamic, aero-elastics, floating offshore wind turbine, wind farm

<b>Mechanical Systems Engineering Course</b>				
<b>Laboratory of Advanced Materials Systems</b>				
Academic Staffs:	<b>Hagihara, S.</b>	<b>Tadano, Y.</b>	<b>Taketomi, S.</b>	<b>Morita, S.</b>
Research Fields:	Numerical analysis for structures, Mechanics of composite material, Finite element method, Evaluation of fatigue strength of various metals and advanced materials			
<b>Laboratory of Machine Design and Production Systems</b>				
Academic Staffs:	<b>Hasegawa, H.</b>	<b>Mawatari, T.</b>	<b>Ohshima, F.</b>	
Research Fields:	Design and manufacturing system of gears, Precision machine elements and tribology, Precision finishing and characterization of solid surfaces, Rolling contact fatigue, Friction and wear of contact surfaces			
<b>Laboratory of Advanced Robotics and Control Systems</b>				
Academic Staffs:	<b>Sato, K.</b>			
Research Fields:	Sustainable robots, Networked robots, Man-machine interface, Control theory, Adaptive control, Robust control, Mechatronics, Softcomputing, Nonlinear control			

<b>Electrical and Electronic Engineering Course</b>				
<b>Laboratory of Communication Engineering and Advanced Circuit Technology</b>				
Academic Staffs:	<b>Tanaka, Takayuki.</b>	<b>Nishiyama, E.</b>		
Research Fields:	Microwave circuits, Planar antennas, Wireless power transfer, Wireless communication systems			
<b>Laboratory of Power Electronics</b>				
Academic Staffs:	<b>Takahashi, K.</b>			
Research Fields:	Power electronic devices, Wide-gap semiconductors such as diamond, Synchrotron x-ray radiation, Surface science, Photovoltaic System			
<b>Laboratory of Optoelectronics</b>				
Academic Staffs:	<b>Guo, Q.</b>	<b>Tanaka, Tooru.</b>	<b>Ihara, S.</b>	
Research Fields:	Optoelectronic Materials and Applications, Epitaxial growth and characterization of semiconductor materials, Advanced optoelectronic devices, Photovoltaics, Pulse power engineering, Synchrotron light application for materials processing and characterization			
<b>Laboratory of Advanced Computational Engineering and Artificial Intelligence</b>				
Academic Staffs:	<b>Wakuya, H.</b>	<b>Itoh, H.</b>	<b>Fukumoto, H.</b>	
Research Fields:	Power Engineering and Smart Power Grid System, Electromagnetic and Acoustic Analyses, Virtual Reality (VR) and Augmented Reality (AR), Biomedical Signal Processing, Neural Networks, Intelligent Robotics, Natural Language Processing			
<b>Laboratory of Plasma Electronics</b>				
Academic Staffs:	<b>Ohtsu, Y.</b>			
Research Fields:	Plasma electronics, Plasma discharge application (CVD, sputtering), Preparation of functional thin films for electronic device			

<b>Civil Engineering Course</b>	
<b>Architectural Design Course</b>	
<b>Laboratory of Structural Engineering and Mechanics</b>	
Academic Staffs:	<b>Ito, Y.</b> <b>Obiya, H.</b>
Research Fields:	Structural engineering, Earthquake engineering, Linear, nonlinear, elastic, nonelastic, static, and dynamic analysis of structure, Concrete materials, reinforced and prestressed concrete structures
<b>Laboratory of Geotechnical Engineering</b>	
Academic Staffs:	<b>Hino, T.</b> <b>Negami, T.</b>
Research Fields:	Analytical study of geotechnical problems, Soil improvement and earth reinforcement, Land subsidence, Stabilization of ground, Geoenvironmental engineering, Road engineering, Pavement engineering, Waste treatment engineering
<b>Laboratory of Environmental System Engineering</b>	
Academic Staffs:	<b>Yamanishi, H.</b> <b>Narumol, V.</b> <b>Oshikawa, H.</b> <b>Mishima, Y.</b>
Research Fields:	Coastal engineering, Ecohydraulics and sediment transport, Fluid dynamics, River engineering, Water resources engineering, Water environmental engineering, Water pollution control, Wastewater treatment systems
<b>Laboratory of Urban Design and Architecture</b>	
Academic Staffs:	<b>Mishima, N.</b> <b>Goto, R.</b> <b>Miyahara, M.</b>
Research Fields:	Architectural design, Architectural planning, Land- and townscape design, Regenerative design of architecture and urban space, Preservation of historic environment, Regional disaster prevention plan
<b>Laboratory of Environmental Design for Architecture</b>	
Academic Staffs:	<b>Kojima, S.</b> <b>Nakaohkubo, K.</b>
Research Fields:	Building thermal environment, Urban thermal environment, Energy conservation of building environment, HVAC control for building environment
<b>Laboratory of Social Systems Management</b>	
Academic Staffs:	<b>Li, H.</b> <b>Inohae, T.</b>
Research Fields:	Transportation system and planning, Urban development and urban systems, Residential environment evaluation, Prevention for urban disaster, Urban energy management, Urban environmental evaluation

## GRADUATE SCHOOL OF ADVANCED HEALTH SCIENCE [MASTER COURSE]

<b>Biomedical Engineering Course</b>	
<b>Laboratory of Systems Control</b>	
Academic Staffs:	<b>Goto, S.                      Sugi, T.                      Matsuda, Y.</b>
Research Fields:	Medical systems control, Plant systems control, Remote systems control, Mechatronic systems control and robotics, Reliability analysis for power plant, Control systems design
<b>Laboratory of Applied Computing</b>	
Academic Staffs:	<b>Muramatsu, K.</b>
Research Fields:	Numerical analysis of electromagnetic field, Optimal design of electromagnetic apparatus, Modelling of magnetic materials
<b>Laboratory of Biosensors</b>	
Academic Staffs:	<b>Kimoto, A.</b>
Research Fields:	Intelligent-composite multisensors, Tactile sensors mimicking human perceptions, Non-invasive imaging with composite sensors
<b>Laboratory of Smart Sensing</b>	
Academic Staffs:	<b>Khan, T. I.</b>
Research Fields:	Smart sensing of biomedical engineering dynamics, Acoustics and Diagnostics, Artificial Intelligence, Sensing systems control, Non-destructive testing
<b>Laboratory of Environmental Fluids Systems</b>	
Academic Staffs:	<b>Hashimoto, T.                      Sumi, T.</b>
Research Fields:	High speed aerodynamics, Medical application of shock wave, Multiphase flow, Rheology of soft materials, Computational fluid dynamics
<b>Laboratory of Robotics and Computational Intelligence</b>	
Academic Staffs:	<b>Izumi, K.</b>
Research Fields:	Robotics, Mechatronics, Computational Intelligence, Machine learning

<b>Functional Biomolecular Science Course</b>	
<b>Laboratory of Analytical Chemistry</b>	
Academic Staffs:	<b>Umecky, T.</b>
Research Fields:	Structure and dynamics of liquids and solutions, Solvation structure of amino acids, peptides, and proteins in binary solutions, Physicochemical properties of room-temperature ionic liquids
<b>Laboratory of Inorganic Chemistry</b>	
Academic Staffs:	<b>Koikawa, M.                      Yoneda, K.</b>
Research Fields:	Synthesis and magnetochemistry of polynuclear transition-metal complexes, X-Ray crystal structural analysis of metal complexes, Synthesis and guest-responsivity of porous coordination polymers
<b>Laboratory of Physical Chemistry</b>	
Academic Staffs:	<b>Unno, M.                      Fujisawa, T.</b>
Research Fields:	Molecular spectroscopy, Biophysics of Photoreceptors
<b>Laboratory of Bioorganic Chemistry</b>	
Academic Staffs:	<b>Osada, S.</b>
Research Fields:	Structure-based design, synthesis and biological evaluation of enzyme inhibitors, Structure-Function Relationship of biologically active peptides