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育成プログラム（EPAD）
博士前期・修士課程（外国人留学生－在外）
学生募集要項

Guide for the Application for the Foreign Students of Education Program of Advanced T-shaped Person for Co-development of ASEAN and Japan (EPAT) and Education Program for AI and Data Science Specialists (EPAD)

(Master Course)

October, 2024

April, 2025

Enrollment	Application Deadline	Announce of Results
October 1, 2024	June 7, 2024	July, 2024
April 1, 2025	November 22, 2024	January, 2025

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

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THE FOREIGN STUDENTS 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 October, 2024 and April 2025.

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 engineer-ng, 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). The month of entrance is October, 2024 or April, 2025 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

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、2024 年 10 月入学、2025 年 4 月入学の博士前期・修士課程（2 年間）の学生を募集します。

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、本申請による入学は 2024 年 10 月もしくは 2025 年 4 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 FOREIGN STUDENTS OF EDUCATION PROGRAM FOR AI AND DATA SCIENCE SPECIALISTS (EPAD)

The Education Program for AI and Data Science Specialists (EPAD) 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 EPAD 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 2022, 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 October, 2024 and April 2025.

The wisdom that mankind has created by the 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 the all-round and global viewpoint. The EPAD 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 EPAD is the 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 EPAD, education and research guidance of the fields are given by Data Science Course, Computer Science and Information Technology Course, Energy and Mechanical Engineering Course, Mechanical Systems Engineering Course, Electrical and Electronic Engineering Course, Biomedical Engineering 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. The applicants should contact the supervisor(s) before an application submission.

Students who complete the Master Course program of the EPAD are granted the Master's Degree (Master of Science or Master of Engineering). The month of entrance is October, 2024 or April 2025 and they can enter the EPAD 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育成プログラム博士前期・修士課程

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育成プログラム（EPAD）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。EPAD 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、2022 年 10 月にスタートしました。ここに、 2024 年 10 月入学、2025 年 4 月入学の博士前期・修士課程（2 年間）の学生を募集します。

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。EPAD 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および先進健康科学研究科に発足しました。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育成することを目的としています。

EPAD 博士前期・修士課程プログラムは、理工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、先進健康科学研究科の生体医工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。

EPAD 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、本申請による入学は 2024 年 10 月もしくは 2025 年 4 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。

QUALIFICATIONS

* For applicants who wish to enroll in April 2025, please replace "September 2024" with "March 2025".

1. **Applicants**: Non-Japanese citizens arriving from foreign countries to attend this program can apply.
2. **Academic career**: 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, 2024.
   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, 2024.
   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, 2024.
   e. Those who have completed 15 years course of school education in foreign country, and been admitted by the Graduate School of Science and Engineering, 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, 2024, 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.
   ＊ Applicants who plan to apply under Qualification 2-g should contact the Entrance Examination Office of Saga University by May 10, 2024 for admission in October 2024, or by October 25, 2024 for admission in April 2025, to be screened for eligibility.
3. **Health**: Applicants should be in good health both mentally and physically.
4. **Language proficiency**: A good working level of English is required.
5. **Arrival in Japan**: Applicants should arrive in Japan by September 2024, 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 by September, 2024.
3) Admission shall be canceled if the applicant fails to receive the Bachelor's Degree on or before September, 2024.
4) 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.

ENROLLMENT AND TUITION EXPENSES

1. **Entrance examination fee**: 30,000 Yen.
2. **Entrance fee**: 282,000 Yen
3. **Tuition fee**: 267,900 Yen for each semester (scheduled). [535,800 Yen per academic year (scheduled).] However, a new tuition fee should have to be paid when the fee is revised during studentship.
   Payments must be done for each semester biannually within the beginning two months of the semester.
   For the information on the tuition assistance, exemption subsidization, and scholarships is available at the Benefits section in the following pages.
4. **Date of enrollment**: Date of enrollment is October 1, 2024 or April 1, 2025.

応募資格

＊2025 年 4 月入学希望者は「2024 年 9 月」を「2025 年 3 月」と読み替えるものとします。

1. **国籍**：日本国籍を有しない者で、日本国外から留学する者
2. **学歴**：下記のいずれかに該当する者
   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 2024 年 9 月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 2024 年 9 月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 2024 年 9 月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、2024 年 9 月において満 22 歳に達した者
   ＊ 応募資格 2-g にて出願予定の者は、2024 年 10 月入学の場合は 2024 年 5 月 10 日までに、2025 年 4 月入学の場合は 2024 年 10 月 25 日までに、佐賀大学入試課に連絡し、出願資格審査を受けてください。
3. **健康状態**：心身ともに健全な者
4. **語学力**：英語の能力が十分な者
5. **渡日**：合格した場合、2024 年 9 月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） 2024 年 9 月までに渡日をしなければ入学は取り消されます。
3） 学士の学位を取得見込みの者で、合格したものは、2024 年 9 月までに学位を取得できなければ、入学を取り消します。
4） 障がい等を有する志願者で、受験上及び就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。

入学と授業料

1. **検定料**：30,000 円
2. **入学料**：282,000 円
3. **授業料**：267,900 円／半期（予定）［535,800 円／年（予定）］
   ただし、入学時及び在学中に学生納入金改定が行われた場合には、改定時から新たな納入金額が適用されます。
   支払いは各学期始めの 2 ヶ月以内に済まされなければなりません．授業料減額、奨学金などは以下の援助の項目を参照のこと。
4. 入学日は 2024 年 10 月 1 日または 2025 年 4 月 1 日です。

SELECTION AND ADMISSION

1. Applicants who have excellent record will take an interview or an Internet interview by their desired Advisory Professor (Supervisor) after all-round judgment of submitted papers.
2. Applicants shall be examined by the Screening Committee of the program. Only those who have a solid academic background, research capability and commitment will be selected as a successful candidate. Final result of the selection will be notified in July 2024 for applicants applying for admission in October, 2024, and in January 2025 for applicants applying for admission in April 2025.
3. The number of applicants for October 2024 and April 2025 is 4 each for EPAT and 2 each for EPAD.

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 EPAD 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. In addition, the entrance examination fee must be paid for each application.
   * For applicants who wish to enroll in April 2025, please replace "September 2024" with "March 2025".
   (1) **Application Form** (Form A).
   (2) **Field of Study and Study Program** (Form B). (This should be printed on both sides.)
   (3) **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, 2024.
   (4) Transcripts of **Academic Record** issued by the university authorities and its English translation. (The criteria of academic assessment should be also shown.)
   (5) 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.
   (6) **Certificate of Citizenship** issued by the appropriate authorities.
   (7) **Recommendation** and **Reference**
      a. A letter of **Recommendation** (Form C) from the head (Dean, in case of University) of the applicant's affiliated institution.
      b. Letter(s) of **Reference** (Form D) from those who know the applicant's research/study capability addressed to the President of Saga University.

   The letters of recommendation and reference should indicate the English proficiency of the applicant. Enclose, therein, a certificate indicating the scores of TOEFL or a corresponding English Ability Test, if any.
   (8) **Three Photographs** (hatless portrait), 4.5 cm×3.5 cm in size, taken within six months of application date. One copy should be attached to the application form. Two extra copies should be enclosed therein, with the applicant's name and the nationality on the reverse side of the copies.
   (9) **Receipt for Entrance Examination Fee (**30,000 Yen)
   Please pay the fee via Flywire. Fees for the remittance should be paid by the applicant. Please submit the receipt that can be downloaded after to Saga University, or print out a screenshot of the payment completion screen. Please refer to "PAYMENT THROUGH Flywire "(see page 18). Applicants who cannot use Flywire for any reason should email the Entrance Examination Office (see page 9).
   Flywire (URL): https://saga-u.flywire.com or scan:
   If you have any questions, please contact Flywire:
   Web: https://www.flywire.com/support
   email: support@flywire.com

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。
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合格者として選ばれます。最終結果は、2024 年 10 月入学希望者は 2024 年 7 月に、2025 年 4 月入学希望者は 2025 年 1 月に、本学より志願者へ通知します。
3. 定員は 2024 年 10 月入学、2025 年 4 月入学で、EPAT 各 4 名、EPAD 各 2 名です。

申請

＊2025 年 4 月入学希望者は「2024 年 9 月」を「2025 年 3 月」と読み替えるものとします。

1. 志願者は、本学学務部入試課に提出する下記の出願書類を準備して下さい。EPAT と EPAD 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。なお、検定料はそれぞれの申請に対して支払う必要があります。
   (1) **申請書**（様式 A）
   (2) **研究分野と研究計画**（様式 B）（両面印刷すること）
   (3) **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、2024 年 9 月までに学士の学位を取得予定であるという証明書
   (4) 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を提出すること）
   (5) **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。
   (6) **本国の戸籍謄本又は市民権等の証明書**
   (7) **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 C）
      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 D）
      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。もしあれば、そこに TOEFL か英語能力試験に類似のもののスコアを示す証明書を同封してください。
   (8) 4.5cm×3.5cm 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 1 枚は申請書に添付されていなければなりません。他の 2 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。
   (9) **入学検定料**（30,000 円）**の受領書**
   入学検定料は Flywire を通してお支払いください。支払いにかかる手数料は志願者にてご負担ください。佐賀大学への入金完了後にダウンロードできる受領書、または支払い完了画面のスクリーンショットを印刷してご提出ください。「Flywire での納入」（19 ページ）を参照してください。何らかの理由で Flywire を利用できない方は、入試課までメールでお問い合わせください（10 ページ参照）。

   Flywire (URL): https://saga-u.flywire.com　または　スキャン：

   ご不明点は、Flywire へお問合せください。

   Web: https://www.flywire.com/support

   email: support@flywire.com

2. All documents should be sent by registered airmail, and must arrive at the Entrance Examination Office by **the deadline indicated on the cover page**.

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.

NOTES

1. Grantees will be deprived of entrance under the following cases:
   a. False statements on the documents.
   b. Violation of the pledge.
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 Course Program within two years.

BENEFITS

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 kinds of electronic form. Forms sent by facsimile and attached files on e-mail are not accepted in any occasion.

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

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
(EPAD) epad@mail.admin.saga-u.ac.jp

2. すべての書類は書留の航空便で、表紙に記載された締め切り日までに佐賀大学学務部入試課まで送付してください。

注

1） 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。

注意事項

1. 下記の場合には、合格者は入学許可を取り消されます。
   a. 書類上の不正申告
   b. 誓約書違反
2. 合格者は日本語、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. 合格者は 2 年以内に博士前期・修士課程を修了することになっています。

援助

1. 状況により異なりますが、申請により授業料が半額免除される可能性があります。
2. 私費留学生は、各種奨学金に応募できます。
3. 住居：佐賀大学国際交流会館や佐賀県などの低価格な住居に応募できます。

問合せ先

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 メール等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には、必ず願書受付締切までに事前に下記の E メールアドレスへご連絡ください。

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佐賀大学学務部入試課
Fax: (+81)-952-28-8944
Email:(EPAT) epat@mail.admin.saga-u.ac.jp
(EPAD) epad@mail.admin.saga-u.ac.jp

ACADEMIC STAFFS ATTENDING EPAT COURSES AND THEIR RESEARCH INTERESTS AND MAJOR FIELDS

GRADUATE SCHOOL OF SCIENCE AND ENGINEERING [MASTER COURSE]

Advanced Materials Chemistry Course	
Laboratory of Inorganic Chemistry	
Academic Staffs:	**Yamada, Y.**
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
Laboratory of Applied Physical Chemistry	
Academic Staffs:	**Sakaguchi, K.**
Research Fields:	Development of optoelectronic organic / inorganic nanohybrid, 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
Laboratory of Chemical Engineering	
Academic Staffs:	**Ohto, K.** **Morisada, S.**
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
Laboratory of Bioelectrochemistry	
Academic Staffs:	**Tominaga, M.**
Research Fields:	Bioelectrochemistry, Functional electrode, Redox enzyme, Biosensor, Biofuel cell
Laboratory of Applied Organic Chemistry	
Academic Staffs:	**Takeshita, M.**
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
Laboratory of Ceramic Engineering	
Academic Staffs:	**Yada, M.**
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
Laboratory of Environmental Chemical Engineering	
Academic Staffs:	**Kawakita, H.**
Research Fields:	Polymer preparation using enzymatic reaction, Metal adsorption by functional polymer, Polysaccharide synthesis for food engineering

Energy and Mechanical Engineering Course				
Laboratory of Environmental Fluids Systems				
Academic Staffs:	**Matsuo, S.**	**Kinoue, Y.**	**Shiomi, N.**	
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			
Laboratory of Thermal Energy Systems				
Academic Staffs:	**Miyara, A.**	**Mitsutake, Y.**	**Kariya, K.**	**Ishida, K.**
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			
Laboratory of Ocean Energy				
Academic Staffs:	**Ikegami, Y.**	**Yoshida, S.**	**Arima, H.**	**Imai,Y.**
	Murakami, T.			
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			

Mechanical Systems Engineering Course				
Laboratory of Advanced Materials Systems				
Academic Staffs:	**Hagihara, S.**	**Hattori, N.**	**Tadano, Y.**	**Taketomi, S.**
	Morita, S.			
Research Fields:	Numerical analysis for structures, Mechanics of composite material, Finite element method, Evaluation of fatigue strength of various metals and advanced materials			
Laboratory of Machine Design and Production Systems				
Academic Staffs:	**Hasegawa, H.**	**Mawatari, T.**	**Ohshima, F.**	
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			
Laboratory of Advanced Robotics and Control Systems				
Academic Staffs:	**Sato, K.**			
Research Fields:	Sustainable robots, Networked robots, Man-machine interface, Control theory, Adaptive control, Robust control, Mechatronics, Softcomputing, Nonlinear control			

Electrical and Electronic Engineering Course				
Laboratory of Communication Engineering and Advanced Circuit Technology				
Academic Staffs:	**Tanaka, Takayuki.**	**Nishiyama, E**		
Research Fields:	Microwave circuits, Planar antennas, Wireless power transfer, Wireless communication systems			
Laboratory of Power Electronics				
Academic Staffs:	**Takahashi, K.**	**Hara, S.**		
Research Fields:	Power electronic devices, Wide-gap semiconductors such as diamond, Synchrotron x-ray radiation, Surface science, Photovoltaic System			
Laboratory of Optoelectronics				
Academic Staffs:	**Guo, Q.**	**Tanaka, Tooru.**	**Ihara, S.**	
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			
Laboratory of Advanced Computational Engineering and Artificial Intelligence				
Academic Staffs:	**Wakuya, H.**	**Itoh, H.**	**Fukumoto, H.**	
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			
Laboratory of Microwave Electronics				
Academic Staffs:	**Oishi, T.**			
Research Fields:	High power and high frequency electronic devices using wide bandgap semi-conductors, Device modeling technology			
Laboratory of Plasma Electronics				
Academic Staffs:	**Ohtsu, Y.**			
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:	**Ohgushi, K.**	**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]

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

Functional Biomolecular Science Course			
Laboratory of Analytical Chemistry			
Academic Staffs:	**Takamuku, T.**	**Umecky, T.**	
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		
Laboratory of Inorganic Chemistry			
Academic Staffs:	**Koikawa, M.**	**Yoneda, K.**	
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		
Laboratory of Physical Chemistry			
Academic Staffs:	**Unno, M.**	**Fujisawa, T.**	
Research Fields:	Molecular spectroscopy, Biophysics of Photoreceptors		
Laboratory of Bioorganic Chemistry			
Academic Staffs:	**Osada, S.**		
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]

Data Science Course **Computer Science and Information Technology Course**				
Laboratory of Smart System				
Academic Staffs:	**Matsumae, S.**	**Nakayama, K.**	**Ueda, S.**	
Research Fields:	Intelligent Informatics, Artificial Intelligence, Parallel and Distributed Algorithms			
Laboratory of Data Science				
Academic Staffs:	**Minamoto, T.**	**Hirotomo, M.**	**Kimura, T.**	
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			
Laboratory of Computer Software				
Academic Staffs:	**Kakeshita, T.**	**Ohtsuki, M.**		
Research Fields:	Software Engineering, Data Science, Information System, Computing Education, Learning Analytics, Privacy Protection, Software Tool, Computer and Society			
Laboratory of Cyber Physical System				
Academic Staffs:	**Fukuda, O.**	**Okumura, H.**	**Yamaguchi, N.**	
Research Fields:	Artificial intelligence, Robotics, Intelligent sensing, Data Science, Data visualization, Biological system, Remote sensing, Medical image processing, Machine learning, Reinforcement learning			
Laboratory of Fundamental and Applied Informatics				
Academic Staffs:	**Hanada, E.**	**Hori, Y.**	**Okazaki, Y.**	**Hieida, Y.**
	Otani, M.			
Research Fields:	Information/Comminication Systems in Clinical medicine/Healthcare/Welfare, Hospital Facilities,			

Energy and Mechanical Engineering Course				
Laboratory of Environmental Fluids Systems				
Academic Staffs:	**Matsuo, S.**	**Kinoue, Y.**	**Shiomi, N.**	
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			
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GRADUATE SCHOOL OF ADVANCED HEALTH SCIENCE [MASTER COURSE]

Biomedical Engineering Course	
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Academic Staffs:	**Muramatsu, K.** **Dozono, H.**
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Academic Staffs:	**Khan, T. I.**
Research Fields:	Smart sensing of biomedical engineering dynamics, Acoustics and Diagnostics, Artificial Intelligence, Sensing systems control, Non-destructive testing
Laboratory of Environmental Fluids Systems	
Academic Staffs:	**Hashimoto, T.** **Sumi, T.**
Research Fields:	High speed aerodynamics, Medical application of shock wave, Multiphase flow, Rheology of soft materials, Computational fluid dynamics
Laboratory of Robotics and Computational Intelligence	
Academic Staffs:	**Izumi, K.**
Research Fields:	Robotics, Mechatronics, Computational Intelligence, Ma-chine learning

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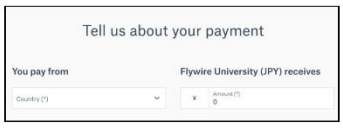
5. Transfer or settlement



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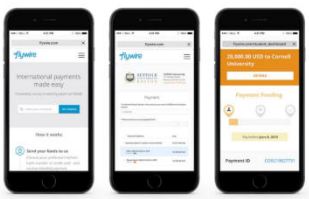

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佐賀大学はフライワイヤーと提携し、簡単で安全な支払い方法を提供します。

学生様・親御様はフライワイヤーのサイトで支払い手続きを開始してください。

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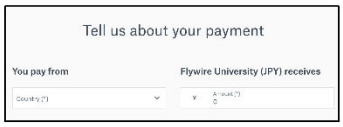

フライワイヤーが責任をもって日本円で学費を学校様に支払います。

メリット1：
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メリット2：
365日24時間、全世界3つのカスタマーセンターが電話・メール・ライブチャット・ WeChatでご質問に返答します。

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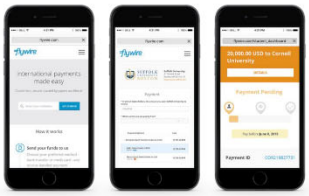
手続きはパソコンだけでなくモバイルページからも簡単にできます。



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