

佐賀大学大学院理工学研究科
環境・エネルギー科学グローバル教育プログラム
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
Post-graduate Program for Global Advancement (PPGA)
in Environmental and Energy Science**

(Master Course)

2019

Application Deadline: November 22, 2018.

Academic Year Start: April 1, 2019.

Graduate School of Science and Engineering
SAGA UNIVERSITY

Personal Information Use

In accordance with enforcement of the Act on the Protection of Personal Information Held by Independent Administrative Agencies, personal information written on the application form submitted by applicants is utilized for educational purpose (including exemption of entrance and tuition fees, payment extension of entrance fee, and scholarship) as well as the selection of applicants by entrance examinations (including additional business such as statistical transaction).

Personal information possessed by Saga University is not utilized for different purposes from the aim denoted above, and is not provided to a third person without the applicant's agreement, except for the case prescribed by the item no.9 of the Act on the Protection of Personal Information Held by Independent Administrative Agencies.

個人情報の取扱いについて

「独立行政法人等の保有する個人情報の保護に関する法律」の施行に伴い、入学志願者から提出させた出願書類等に記載されている個人情報については、入学者選抜に係る業務（統計処理などの付随する業務を含む。）以外に、教育目的等（入学料・授業料免除、(入学料徴収猶予) 及び奨学金等を含む。）に利用します。

本学が取得した個人情報は、「独立行政法人等の保有する個人情報の保護に関する法律」第9条に規定されている場合を除き、出願者本人の同意を得ることなく他の目的で利用又は第三者に提供する事はありません。

**Post-graduate Program for Global Advancement (PPGA)
in Environmental and Energy Science**

(Master Course)

2019

CONTENTS

- Guide for Application 1
- Academic Staffs, their Research Interests and Major fields 7
- APPLICATION FORM (Enclosed Booklet)

GUIDE FOR THE APPLICATION FOR
THE FOREIGN STUDENTS OF POST-GRADUATE PROGRAM
FOR GLOBAL ADVANCEMENT (PPGA)
IN ENVIRONMENTAL AND ENERGY SCIENCE

The Post-graduate Program for Global Advancement (PPGA) in Environmental and Energy Science provides all lectures, seminars, and internships, etc. on sciences and technologies solving global environmental and energy problems 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 PPGA is an educational course in the Graduate School of Science and Engineering, Saga University, that started in October 2013, in order to bring up global researchers and engineers who will contribute to the environmental and energy science. This is a call for application to a two-year Master Course starting from April, 2019.

Nowadays, science and engineering progress rapidly. We have received both benefits and negative influences from the science and engineering. Programs from the standpoint of environmental and energy conservation are necessary for developments of science and engineering that contribute to human prosperity. Educational study of the environmental and energy science should be performed from the all-round and global viewpoint. The PPGA has been established in the Graduate School of Science and Engineering in order to discuss and solve environmental and energy problems. The scope and goal of this PPGA is the education for students to possess an all-round insight for the environment and energy from the global point of view after their completion by acquiring knowledge and thinking power on various fields related to industrial manufacturing, construction, and biology, etc.

In the Master Course program of the PPGA, education and research guidance of the fields are given by the Advanced Materials Chemistry Course, Energy and Mechanical Engineering Course, Mechanical Systems Engineering Course, Electrical and Electronic Engineering Course, Civil Engineering Course, Architectural Design Course in the Graduate School of Science and Engineering. 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 PPGA are granted the Master's Degree (Engineering). The month of entrance is April, and they can enter the PPGA course immediately after completing their Bachelor program in their country without learning of Japanese language.

QUALIFICATIONS

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 March 31, 2019.
 - 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 March 31, 2019.
 - 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 March 31, 2019.
 - 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 March 31, 2019, and are admitted by the Graduate School of Saga University as that their academic abilities are equivalent to or

佐賀大学大学院理工学研究科
環境・エネルギー科学グローバル教育プログラム修士課程
外国人留学生募集要項

佐賀大学大学院理工学研究科環境・エネルギー科学グローバル教育プログラム (PPGA) は、外国人留学生と日本人学生が共学し、世界的な環境とエネルギー問題の解決に関する講義、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。PPGA は、環境・エネルギー科学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、2013年10月にスタートしました。ここに、2019年4月入学の修士課程(2年間)の学生を募集します。

科学技術の進歩は著しいものです。私たちは、その進歩がもたらした恩恵と負の影響を受けています。人類の発展に貢献する科学技術の向上には、環境・エネルギー保全の観点からの取り組みが必要です。環境・エネルギー科学の教育研究は、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。PPGA は、環境・エネルギー問題を議論し解決するために工学系研究科(当時)に発足しました。修了後、工業生産、建設、バイオ等に関わる様々な工学系分野の知識と思考力を持ち、環境・エネルギーについて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。

PPGA 修士課程プログラムは、理工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。

PPGA の修士課程修了者には修士(工学)の学位が与えられます。なお、本申請による入学は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。

応募資格

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2019年3月31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2019年3月31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2019年3月31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、本学大学院工学系研究科において、所定の単位を優れた成績をもって修得したものと認められた者
 - 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

higher than Bachelor's Degree of Japanese Universities upon reviewing the submitted materials.

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 March 22, 2019, 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 March 22, 2019.
- 3) Admission shall be canceled if the applicant fails to receive the Bachelor's Degree on or before March 31, 2019.
- 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 (scheduled)
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 April 3, 2019.

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 PPGA. Only those who have a solid academic background, research capability and commitment are selected as a successful candidate. Final result of the selection will be informed in the middle of January, 2019.
3. Six applicants will be selected as the candidates.

APPLICATION PROCEDURE

1. Applicants should prepare the following documents to be forwarded to the Dean of the Graduate School of Science and Engineering, Saga University.
 - 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 March 31, 2019.
 - 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 it's 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

- 以上の学力があると認められた者で、2019年3月31日において満22歳に達したものの
- 健康状態：心身ともに健全な者
 - 語学力：英語の能力が十分な者
 - 渡日：合格した場合、2019年3月22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) 2019年3月22日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、2019年3月31日までに学位を取得できなければ、入学できません。
- 4) 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。

入学と授業料

1. 検定料：30,000円
2. 入学料：282,000円（予定）
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2019年4月3日です。

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、PPGA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2019年1月中旬に本学より志願者へ通知します。
3. 定員は6名です。

申請

1. 志願者は、本学大学院理工学研究科長に提出する下記の出願書類を準備して下さい。
 - 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、2019年3月31日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の(大学においては学部長)推薦書(様式C)
 - b. 理工学研究科長あてに、志願者の研究/学力を知る者による証明書を提出して

capability addressed to the Dean of the Graduate School of Science and Engineering.

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 **Entrance Examination Fee:** 30,000 Yen. The entrance examination fee should be transferred as a postal money order at post office, or sent as a check (US dollar) to Entrance Examination Office of Saga University. Note that in the case of a check, if amount of exchanged Japanese yen was below 30,000 Yen, the check cannot be received by Entrance Examination Office of Saga University.
2. All documents should be sent by registered airmail, and must arrive at the Entrance Examination Office by **November 22, 2018**.

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 of the PPGA 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.

Entrance Examination Office
Saga University
1 Honjo-machi
Saga 840-8502, Japan
Fax: (+81)-952-28-8944
E-mail: ppga @mail.admin.saga-u.ac.jp

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いとなりません。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いとなりません。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

納入方法としては，郵便局においてポスタルマネーオーダー（国際送金）で送金する又は銀行で送金小切手（US ドル）に替えて，それを出願書類と併せて送付するなどがあります。ただし，送金小切手の場合，本学が日本円に換金して 30,000 円に満たない場合は，出願書類を受理しませんので，不足が無いように注意してください。

- 2. すべての書類は書留の航空便で佐賀大学学務部入試課まで送付してください。2018 年 11 月 22 日必着とします。

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

PPGA 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 メール等での出願は受理できません。

〒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: ppga@mail.admin.saga-u.ac.jp

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

SCIENCE AND ENGINEERING [MASTER COURSE]

Advanced Materials Chemistry Course

Laboratory of Inorganic Chemistry 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 Organic Chemistry Hanamoto, T.

Research Fields: Transition metal-catalyzed organic synthesis.
Chemistry of hypervalent iodine compounds.
Synthesis and reactions of versatile building blocks.
Organic fluorine chemistry.
Synthesis and structure of biologically active peptides.
Chemistry of elastin and ionchannel forming peptides.
Mechanism-based design and synthesis of enzyme or receptor inhibitors.

Laboratory of Applied Physical Chemistry Era, M. and 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 Ohto, K. and 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 Electrochemistry Tominaga, M.

Research Fields: Bioelectrochemistry
Functional electrode
Redox enzyme
Biosensor, Biofuel cell

Laboratory of Applied Organic Chemistry 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 Watari, T. and 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 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 SystemsMatsuo,S., Kinoue, Y. and 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. Noise control. Flow separation.
Development of nozzle. Multiphase flow.

Laboratory of Thermal Energy Systems Miyara, A., Mitsutake, Y. , Kariya, K. and 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 Ikegami, Y., Arima, H. and Imai, Y.
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.

Mechanical Systems Engineering Course

**Laboratory of Advanced Materials Systems Hagihara, S., Hattori, N., Tadano, Y.,
Taketomi, S., and 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 Zhang, B. ,Hasegawa, H. and
Mawatari, T.**
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 Tsujimura, T, and 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
.....Toyoda, I, Fukai, S., Sasaki, S., Tanaka, T. and Nishiyama, E**
Research Fields: Microwave Circuits
Planar Antennas
Electronic Circuits
High-speed Interconnections
Communication Systems

Laboratory of Power ElectronicsKasu, M., Takahashi, K., and Hara, S.

Research Fields: Power electronic devices
Wide-gap semiconductors such as diamond
Synchrotron x-ray radiation
Surface science
Photovoltaic System

Laboratory of OptoelectronicsGuo, Q., Tanaka, T., and 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

.....Furukawa, T., Wakuya, H., and Itoh, 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..... Oishi, T.

Research Fields: Electronic devices for high power and high frequency
Analysis and design of electronic devices
Device modeling for circuit
Device integration technology

Laboratory of Plasma Electronics..... 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 Ijima, K., Ito, Y. and 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 Chai, J.,
Hino, T. and Suetsugu, D.**

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 **Ohgushi, K.**
Yamanishi, H., and Narumol, V.

Research Fields: River engineering.
Water resources engineering.
Water environmental engineering.
Water pollution control.
Wastewater treatment systems.

Laboratory of Environment Planning **Mishima, N., Kojima, S., Gotoh, R.,**
Hirase, Y., Nakaohkubo, K., and Miyahara, M.

Research Fields: Urban space design.
Architectural and environmental design.
History of architecture.
Transportation system and planning.

Laboratory of Social Systems Management **Li, H. , and Inohae, T.**

Research Fields: Transportation system and planning
Urban development and urban systems.
Social system. Environmental evaluation.
Planning process and evaluation. Prevention for urban disaster.

**POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)
IN ENVIRONMENTAL AND ENERGY SCIENCE**

**GRADUATE SCHOOL OF SCIENCE AND ENGINEERING,
SAGA UNIVERSITY**

A P P L I C A T I O N F O R M

INSTRUCTIONS (記入上の注意)

1. Application should be typewritten or written in Roman block capitals.
(記入は楷書又は大文字のローマ字体を用いること。)
2. Numbers should be written in Arabic figures.
(数字は算用数字を用いること。)
3. Year should be written in the Anno Domini system.
(年号はすべて西暦とすること。)
4. Proper nouns should be written in full and not be abbreviated.
(固有名詞はすべて正式な名称とし、一切省略しないこと。)
5. An examination fee of 30,000 yen should be enclosed.
(検定料 30,000 円を添えること。)
6. Write your name and the address within the box below for notifying the result of the selection. This box will be used for the addressing stickers.
(合格通知書等を送付するので氏名と住所を下記欄に記入のこと。
この欄は住所ラベルとして使用する。)

Name :

Present

Address :

tel/fax :

POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)
IN ENVIRONMENTAL AND ENERGY SCIENCE
GRADUATE SCHOOL OF SCIENCE AND ENGINEERING, SAGA UNIVERSITY
(MASTER COURSE)

2019年度佐賀大学大学院理工学研究科環境・エネルギー科学グローバル教育プログラム(修士課程)入学志願票

Course

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

Research Field

Research Field : _____

Laboratory : _____

Two major subjects for Department of Mechanical Engineering : _____

Name of the desired supervisor (指導を希望する主指導教員名をかならず記入すること。)

1. Name in full, in native language (姓名(自国語))

_____, _____, _____
 (Family name) (First name) (Middle name)

In Roman block capitals (ローマ字)

_____, _____, _____
 (Family name) (First name) (Middle name)

Paste a passport sized photograph or digital image taken within the past 6 months. Write your name and nationality in block letters on the back of the photo.

(4.5 cm × 3.5 cm photo)

(写真 (4.5 cm × 3.5cm))

(Sex)

Male (男)

Female (女)

(Marital Status)

Single (未婚)

Married (既婚)

2. Nationality

(国籍) _____

3. Date of birth (生年月日) Year 19 _____, Month _____, Day _____, Age _____ (as of April 1, 2019)

(年) (月) (日) (年齢)

4. Present status with the name of the university attended, or employer

(現職(在学大学名又は勤務先名まで記入すること。))

5. Present address and telephone number, facsimile number, e-mail address

(現住所及び電話, ファックス番号, E-mail アドレス)

現住所(Present address) : _____

電話番号/FAX 番号(Telephone/facsimile number) : _____

E-mail address : _____

6. Permanent address (本籍) _____

7. Field of specialization studied in the past (Be as detailed and specific as possible.)

(過去に専攻した専門分野(できるだけ具体的に詳細に書くこと。))

8. Educational background (学歴)

	Name and Address of School (学校名及び所在地)	Year and Month of Entrance and Completion (入学及び卒業年月)	Amount of time spent at the school attended (修学年数)	Diploma or Degree awarded, Major subject (学位・資格, 専攻科目) When taking leave of absence, the period and reason. (休学した場合はその期間・理由)
Elementary Education (初等教育)	Name (学校名)	From (入学)	years (年)	
Elementary School (小学校)	Location (所在地)	To (卒業)	and months (月)	
Secondary Education (中等教育)	Name (学校名)	From (入学)	years (年)	
Lower Secondary School (中学)	Location (所在地)	To (卒業)	and months (月)	
Upper Secondary School (高校)	Name (学校名)	From (入学)	years (年)	
	Location (所在地)	To (卒業)	and months (月)	
Higher Education (高等教育)	Name (学校名)	From (入学)	years (年)	
Undergraduate Level (大学)	Location (所在地)	To (卒業)	and months (月)	
Graduate Level (大学院)	Name (学校名)	From (入学)	years (年)	
	Location (所在地)	To (卒業)	and months (月)	
Total years of schooling mentioned above (以上を通算した全学校教育修学年数) as of April 1, 2019 (2019年4月1日現在)			years(年)	

* If the blank spaces above are not sufficient for the information required, please attach a separate sheet ((注)上欄に書ききれない場合には、適当な別紙に記入して添付すること。)

9. State the titles or subjects of books or papers (including graduation thesis authored by the applicant), if any, with the name and address of publisher and the date of publication.
(著書, 論文(卒業論文を含む。))があればその題名, 出版社名, 出版年月日, 出版場所を記すこと。)

* Accompany this form with a summary of the papers mentioned above. ((注)論文の概要を添付のこと)

10. Employment Record: Begin with the most recent employment, if applicable. (職歴)

Name and address of organization (勤務先及び所在地)	Period of employment (勤務期間)	Position (役職名)	Type of work (職務内容)
	From To		
	From To		

11. Japanese language background, if any (日本語の学習歴)

i) Name and address of institution (学習機関及びその住所)

ii) Period of study: from _____ to _____, _____
 (学習期間) Year (年) Month (月) Year (年) Month (月) Years (年間)

iii) Name of teacher (教師名)

iv) Japanese language proficiency: Evaluate your level and insert an X where appropriate in the following blank space. (日本語能力を自己評価のうえ、該当欄に×印を記入すること。)

	Excellent(優)	Good(良)	Fair(可)	Poor(不可)
Reading (読む能力)				
Writing (書く能力)				
Speaking (話す能力)				

12. Foreign language proficiency: Evaluate your level and insert an X where appropriate in the following blank space. (外国語能力を自己評価のうえ、該当欄に×印を記入すること。)

	Excellent(優)	Good(良)	Fair(可)	Poor(不可)
English(英語)				
French(仏語)				
German(独語)				
Spanish(西語)				

13. Family background (家族状況)

Name(氏名)	Relationship (続柄)	Age (年齢)	Occupation (職業)

14. Accompanying Dependents (Provide the following information if you plan to bring any family members to Saga, Japan.) 同伴家族欄 (佐賀に来る場合, 同伴予定の家族がいる場合に記入すること。)
 * He/She is advised to take into consideration various difficulties and the great expense that will be involved in finding living quarters. Therefore, those who wish to be accompanied by their families are advised to come alone first and let their dependents come after suitable accommodation has been found.

(注) 家族用の宿舎をみつめることは相当困難であり賃貸料も非常に割高になるのであらかじめ承知されたい。このため, 留学生はまず単身で佐賀に来て, 適当な宿舎をみつけた後, 家族を呼び寄せること。

Name (氏名)	Relationship (続柄)	Age (年齢)

15. Person to be notified in applicant's home country in case of emergency: (緊急の際の母国の連絡先)

i) Name in full(氏名): _____

ii) Address : with telephone number, facsimile number, e-mail address:(住所:電話番号,ファックス番号及び e-mail アドレスを記入のこと。)

現住所(present address): _____

電話番号/FAX 番号(Telephone/facsimile number): _____

E-mail address : _____

iii) Occupation (職業): _____

iv) Relationship (本人との関係): _____

16. Immigration Records to Japan. (日本への渡航記録)

Date (日付)	Purpose (渡航目的)
From To	
From To	

Date of application(申請年月日): _____

Applicant's signature(申請者署名): _____

Applicant's name (in Roman block capitals)(申請者氏名): _____

専攻分野及び研究計画
Field of Study and Study Program

Full name in native language _____,
(姓名 (自国語)) (Family name) (First name) (Middle name)

Nationality _____
(国 籍)

Proposed study program in Japan (State the outline of your major field of study on this side and the details of your study program on the backside of this sheet in concreteness. This section will be used as one of the most important references for selection. Statement must be typewritten or written in block letters. Additional sheets of paper may be attached if necessary.)

(日本での研究計画；この研究計画は、選考の重要な参考となるので、表面に専攻分野の概要を、裏面に研究計画の詳細を具体的に記入すること。記入はタイプ又は楷書によるものとし、必要な場合は別紙を追加してもよい。)

If you have Japanese language ability, write in Japanese.
(相当の日本語能力を有する者は、日本語により記入すること。)

1 Field of study (専攻分野)

推 薦 書
LETTER OF RECOMMENDATION

佐賀大学長 様
To: President of Saga University

被推薦者
Recommendee
氏名
Full Name: _____
生年月日
Date of Birth: _____
国籍
Nationality: _____

日付
Date: _____
(month) (date) (year)

推薦者
Recommender
署名
Signature: _____
氏名
Print Name: _____

役職
Title and Institution
(or Company): _____

現住所
Present Address: _____

E メールアドレス
E-mail Address: _____

証 明 書
LETTER OF REFERENCE

佐賀大学大学院理工学研究科長 様

To: Dean of the Graduate School of
Science and Engineering, Saga University

被証明者
Referenced person

氏名
Full Name: _____

生年月日
Date of Birth: _____

国籍
Nationality: _____

日付
Date: _____
(month) (date) (year)

証明者
Reference person
署名
Signature: _____
氏名
Print Name: _____

役職
Title and Institution
(or Company): _____

現住所
Present Address: _____

E メールアドレス
E-mail Address: _____