APPLICATION PROCEDURE for INTERNATIONAL STUDENTS ADMISSION to GRADUATE SCHOOL in APRIL, 2020 (MASTER'S COURSES in ENGINEERING)

令和２年度

宮崎大学大学院工学研究科修士課程

外 国 人 留 学 生 入 試 学 生 募 集 要 項

June, 2019

GRADUATE SCHOOL OF ENGINEERING
UNIVERSITY OF MIYAZAKI

宮崎大学大学院工学研究科

1. Admission Policy

The Master's Program in the Graduate School of Engineering offers education in which students can acquire professional knowledge and advanced engineering skills integrating with the undergraduate courses. We aim to cultivate professional engineers who have the practical ability to apply theories in the industry and business contexts, as well as who will study in the Doctoral courses and will contribute to the engineering research. Also, we welcome students who are motivated and have abilities stated in the [Qualifications for admission].

【Qualifications for admission】

1. Who have the basic academic skills in their specialized area of study in order to acquire professional knowledge and advanced engineering skills.
2. Who learn actively, and have strong motivation for research.
3. Who have the adequate communication skills for their research development in Japanese and/or English.

【Basic policy of screening】

1. Applicants will be evaluated comprehensively based on the [qualifications for admission] described above.
2. Applicants will be evaluated fairly and objectively.

2. Applicable Courses and the Number of students to be admitted

【1st Recruitment】

Course	Number Offered
Environmental Systems Course	A few
Energy and Electronics Course	A few
Mechanical Systems and Informatics Course	A few

(Note 1) Before applying, applicants are required to contact your prospective supervisor (see "appendix") to inquire about the contents of the education and research curriculum.

【2nd Recruitment】

Course	Number Offered
Environmental Systems Course	A few
Energy and Electronics Course	A few
Mechanical Systems and Informatics Course	A few

(Note 1) Before applying, applicants are required to contact your prospective supervisor (see "appendix") to inquire about the contents of the education and research curriculum.

(Note 2) There might NOT be a Second recruitment; however, if there is, it will be announced in the University website around November 2019.

3. Requirements for Applicants

The applicant must have non-Japanese nationality and have or will obtain an eligible resident status that complies with the Emigration and Immigration Management and Refugee Recognition Law, and satisfy one of the following requirements.

(1) Those who have completed, or are scheduled to complete by March 2020, 16 years of school education in the countries other than Japan.

(2) Those who have completed 16 years of formal education in countries other than Japan by taking a correspondence course in Japan, or who are scheduled to complete it by March 2020.

(3) Those who have completed 15 years of school education in countries other than Japan, and are recognized by the Graduate School of Engineering, University of Miyazaki (GSE-UOM) to have obtained the obligatory credits with excellent scores.

(4) Those who have been individually examined the qualifications and are recognized by GSE-UOM as having academic ability equal to, or superior to university or college graduates, and will reach 22 years old or older by the end of March 2020.

Note 1: The applicants, who are applicable of the above stated requirements (3) or (4), will have to have an additional qualification screening. In order to proceed with the test arrangement, make contact with the Academic Affairs and Student Services section, and obtain and submit the additional documents with the Application Documents 4. (2) without the fee. The application documents will not be returned regardless of any circumstances. The date for the submission deadline and the result of the qualifying screening are as follows.

[1st Recruitment]
Submission deadline: 2nd of July, 2019
Date for the result: 10th of July, 2019
[2nd Recruitment]
It will be notified on the University website, if the 2nd Recruitment occurs.

Note 2: If you do not have (will not obtain) a "international student" qualification ("Student Visa"), you will not be able to get those services available for "international student" such as tuition exemption, scholarships, and tutors.

4. Application Procedure

(1) Application Periods

Application documents must be submitted to the Academic Affairs and Student Services section, during the following period.

[1st Recruitment]
From July 9(Tue.) to 12(Fri.), 2019 (Office Hours: 9:00 to 17:00)

[2nd Recruitment]
It will be notified on the University website, if the 2nd Recruitment occurs.

(2) Application Documents

Submit the following documents filled with either Japanese or English.

Application for Admission, Photograph Card and Examination Admission Card	Fill out the prescribed forms and paste photographs (head and shoulders, hatless, facing forward, 4cm×3cm, taken within the last 3 months) as indicated.

Graduation Certificate	Certificate of graduation or scheduled graduation from the university or college attended. (English Translation)
Certified Academic Record	Official transcript from the university or college attended (English Translation)
Recommendation Letter	Confidential reference of recent date from the last supervisor. (In case of postgraduate research students of UOM, the present supervisor.) *This document is optional. Those who are not a postgraduate research student of UOM, are suggested to submit a recommendation letter.
Personal History	Fill out the prescribed form.
Research Plan	Fill in the details of the subject, aim, method and schedule of the intended research plan. See Note 1.
Application Fee 30,000Yen	Using the designated transfer-request form (Form A) remit the application fee of ¥30,000 from any financial institution (other than Japan Post Bank Co., Ltd.) within the remittance period. After remitting the fee, submit Form C (certificate of application fee remittance, bearing a "Collected" stamp) together with the written application. See Note 2.
Score of TOEIC, TOEFL	For detailed information, please see "(3) Adoption of internationally-recognized third-party English proficiency test" below.

Note 1. The research plan should be written on the specified form in about 800 characters (in Japanese) or 200 words (in English). It is recommended that this document be typed.

Note 2. International students supported by a scholarship from the Japanese government are exempted from the application fee.

(3) Adoption of internationally-recognized third-party English proficiency test

Applicants are required to submit the documents listed below. The document of English test which is carried out after July 2017 is considered valid.

Type of English test	Application Documents
TOEIC®Listening&Reading	Original of "Official Score Certificate"
TOEIC®Listening&Reading IP test	Original of "Score Report"
TOEFL iBT® test	Original of Score

※You may not need to submit the documents listed above if you are a national of a country which the faculty deems to be English-speaking. To claim exemption from submitting these documents, please contact Academic Affairs and Student Services Section, Graduate School of Engineering, UOM by July 4.

(4) Application Process

Application documents must reach the Academic Affairs and Student Services section, within the application

period.

In case of mailing, all the application documents should be sent together by registered mail (registered air mail when sent from abroad) with an envelope marked in red "Application for International Student Admission to the Graduate School".

On receipt of the required documents, the examination admission card and others will be mailed to the applicant.

(5) Submitting Place

Academic Affairs and Student Services section,
Faculty of Engineering, University of Miyazaki
1-1, Gakuen Kibanadai Nishi, Miyazaki, 889-2192
Tel. +81-985-58-7979 FAX +81-985-58-7287

(6) Other Notices

i. Check and make sure that all blanks have been properly filled in before submitting the documents.
ii. The contents in the application documents cannot be changed after application.
iii. Except for the following reasons, the application fee will not be refunded:
In the case that the application fee was paid, but no application documents were submitted nor received by the institute, or in the case that the application fee was paid in duplicate.
※ Charge for the refund of application fee should be paid by the applicant.
iv. For further inquiry about graduate admission, please contact with the Academic Affairs and Student Services section. (Email: eng-nyu@of.miyazaki-u.ac.jp)

5. Screening

Each candidate will be evaluated by the result of the interview (including oral exam), the documents submitted, and the score of the internationally-recognized third-party English proficiency test such as TOEIC and TOEFL.

(1) Interview (including the oral exam)

The content of the interview consists of general questions and oral examination.
As for the oral examination, the candidates should prepare a 5-minute presentation about their graduation project (if not the graduation project, research experience or future research plan) and present it using their own PC. The candidates should also bring 10 copies of supplementary materials for the presentation. After the presentation, the oral examination will begin, which might contain questions regarding some specialized area of study.

(2) Date of Examination

[1st Recruitment]: 20th of August, 2019(Tuesday) and/or 21st of August, 2019 (Wednesday)
[2nd Recruitment]: End of January, 2020. The exact date will be notified on the University website nearer the time; however, note that there might not be a 2nd Recruitment.

(3) Place of Examination
Faculty of Engineering, University of Miyazaki

* The date, time, and the room for the examination will be indicated on the board at the entrance of the faculty building (as for the candidates from the other universities, we will notify them).

* The applicant from the university which has concluded academic or student exchange agreement with University of Miyazaki can take examination interview at own university, granted by the Graduate School of Engineering, University of Miyazaki.

6. Preliminary Consultation for the Applicants who have disabilities

The applicants who have a disabling condition as shown in the following examples and require special assistance during entrance examinations as well as special considerations in the course of their studies, should consult with the admissions office before submitting the application documents.

(a) Consultation Period

For the 1st recruitment, the consultation period is until July 2 (Tue.), 2019 as a general rule; however, if the 2nd Recruitment occurs, the consultation period will be notified on the University website.

However, consultations by applicants who incur disabilities caused by an accident after this period will be allowed.

(b) Consulting Method

Download the application form for consulting from the university website, and fill out the form with the following items and submit it with a doctor's certificate (submission by mail is also accepted):

i. Applicant's name and desired course
ii. Type and degree of disability
iii. The need for special assistance and considerations in entrance examinations and in the course of studies
iv. Special measures and considerations taken in the previous school
v. Daily living situation
vi. Address and telephone number

Depending upon the circumstances, it may be necessary to interview the applicants or their representatives.
(*Website: http://www.miyazaki-u.ac.jp/exam/admission/1789-2.html)

(c) Contact Address for Consultation

Admissions Office, Student Affairs Division, University of Miyazaki
1-1, Gakuen Kibanadai Nishi, Miyazaki, 889-2192
Tel. 0985-58-7138 FAX 0985-58-2865 (except Saturdays, Sundays and public holidays)

Examples	
Visually Impaired	Visually impaired individuals are those who find it impossible or difficult to visually distinguish words and diagrams even with the use of a magnifying glass.
Hearing-Impaired	Hearing-impaired individuals are those who find it impossible or difficult to make out a normal speaking voice even with the use of a hearing aid.
Physically Disabled	1. Physically disabled individuals are those who find it impossible or difficult to engage in basic daily activities like note-taking. 2. Physically disabled include those who require constant medical observation and supervision.
Sickly	1. Sickly individuals are those who with chronic respiratory illness, kidney disease, nervous disorders, malignant neoplasms, or other chronic medical conditions, and require medical treatment or a regulated lifestyle. 2. Sickly individuals also include those with chronically weak constitutions who require a regulated lifestyle
Developmental Disorder	Individuals for whom special measures are required due to autism, Asperge's syndrome, learning disabilities, or attention deficit hyperactivity disorder, etc.
Other	Disabled individuals include those who do not fall into the above

	categories but have impairments that are serious enough to require special consideration in order to study and take exams.

7. Announcement of Results

[1st Recruitment: August 30th (Fri.), 2019 (10:00 AM)]
[2nd Recruitment: The date will be notified on the University website, if the 2nd Recruitment occurs]

The Examinee Numbers of successful applicants will be notified on the notice board in front of the Academic Affairs and Student Services section, of the Faculty of Engineering, University of Miyazaki. For the successful applicants, an acceptance letter and documents will also be sent out.

8. Enrollment Procedure and School Expenses

Please submit the requested documents during the scheduled enrollment procedure period (from the beginning of February to late in March).
※ For further details of the enrollment procedure, please see the relative documents that is scheduled to be sent at the beginning of February.

Entrance Fee: 282,000 Yen
※ If the regulations are altered, the amount of money will be changed.
※ Once the entrance fee is paid, it will not be refunded under any circumstances except for the following reasons.
i. When the enrollment process was not made.
ii. When the entrance fee was paid twice by mistake.
※ Charge for the refund of entrance fee should be paid by the applicant.

Tuition Fee: Annual Fee 535,800 Yen (267,900 Yen per semester)
※ Tuition Fee should be paid after the new semester begins.
※ Payment for tuition fees should be made by account transfer as a general rule.
※ Account transfer of the first semester will be carried out at the end of May on the 1st year, and at the end of April from the 2nd year, and account transfer of the second semester will be carried out at the end of October.
※ If the regulations are altered, the amount of money will be changed.
※As for the latest information on tuition fees, please see the website listed below.
http://www.miyazaki-u.ac.jp/campus/fees/jugyou/

※ International students supported by scholarship from the Japanese government are exempted from entrance fee and tuition fee.

9. Management of Personal Information

1. The personal information at University of Miyazaki is handled securely and appropriately in compliance with the relevant laws and Rules for Protection of Personal Information.

2. The names of individuals, their addresses and other personal information provided by them in connection with applications and admissions procedures will be used for ① conducting entrance examinations (processing applications, conducting examinations), ②announcing successful candidates, and ③Enrollment procedures.

3. Entrance exam scores will be used as investigation and research material for applicant selection at the

university.

4. University of Miyazaki may outsource some of the above operations 2 and 3.

5. Personal information in the application form of the successful candidates will be only used for ① educational affairs purposes (registration, curriculum guidance, etc.), ② student support purposes (health care, job support, tuition waiver / scholarship application, etc.), and ③ tuition collection.

Contact Information
Academic Affairs and Student Services Section,
Graduate School of Engineering (Master's Courses)
University of Miyazaki
1-1, Gakuen Kibanadai Nishi,
Miyazaki, 889-2192, JAPAN
TEL: 0985-58-7979 FAX: 0985-58-7287
E-mail: eng-nyu@of.miyazaki-u.ac.jp

Teaching Staff and Main Research Theme

Course	Position	Advisor	A Main Research Theme
Environmental Systems Course	Professor	Tatsuya OSHIMA	Studies on Separation Techniques and Formulation Techniques Based on Solubility and Distribution Property of Materials
	Professor	Koichiro SHIOMORI	Development of Functional Materials using Phase Separation Phenomenon for Environmentally Benign Chemical Processes
	Professor	Tsutomu SHIRAGAMI	Studies on Development of Novel Photofunctional Materials by Using Metal Complexes
	Professor	Toshifumi YUI	Three Dimensional Structure Studies of Biopolymers and Their Functional Properties
	Professor	Haruhiko YOKOI	Studies on Production of Useful Substances Using Microbial Function
	Associate Professor	Kazuhiro SUGAMOTO	Synthesis and Evaluation of Bioactive Natural Products
	Associate Professor	Yu NABETANI	Studies on Photochemistry and Photofunctional Materials of Molecular Assemblies Coupled with Microenvironments
	Associate Professor	Jun HIROSE	Biotransformation of Aromatic Compounds by Environmental Microbes
	Associate Professor	Jin MATSUMOTO	Study on Synthesis and Self-assembly of Photofunctional Amphiphiles
	Associate Professor	Kaoru OHE	Studies on Separation Process and Environmental Protection Technology by Functional Materials
	Assistant Professor	Munetoshi MIYATAKE	Studies on Bioremediation Using Microbial Functions
	Assistant Professor	Akira NAGAOKA	Studies on environmentally friendly multinary thermoelectric materials
	Assistant Professor	Takuya UTO	Theoretical Study of Structural Polysaccharides and Carbohydrate-Related Enzymes
	Professor	Mitsuteru IRIE	Management of Water Resource, Water Environment and Flooding
	Professor	Daisuke SUETSUGU	Studies on Long Term Stability of Improved Soft Grounds
	Professor	Yoshihiro SUZUKI	Conservation of Water Quality and Development of Restoration Technology on Water Environment
	Professor	Yutaka DOTE	Recycle of Livestock Excrement
	Professor	Chihiro MORITA	Study on Structural Analysis and Soundness Evaluation of Steel Bridges
	Professor	Keisuke MURAKAMI	Study on Coastal Disaster Mitigation Against Sea Waves
	Professor	Minoru KUMANO	Research on Revitalization Methods of Central Urban Area in Regional and City planning
	Associate Professor	Hiroshi SHIMAMOTO	Research on Sustainable Transportation System
	Associate Professor	Tomoo SEKITO	Recycling and Environmental Effect of Residue from Solid Waste Management
	Associate Professor	Yoshinori FUKUBAYASHI	Studies on development of new geotechnical material, reinforcement of road bed and base course, and measures to mitigate/prevent ground disaster
	Associate Professor	Chunhe LI	Studies on the Development and Evaluation of High Performance Concrete
	Associate Professor	Kosuke TOSHIKI	Studies on heavy metal pollution by urbanization or motorization
	Assistant Professor	Kei NUKAZAWA	Stream environment, biodiversity, and hydrological simulation
Energy and Electronics Course	Professor	Atsuhiko FUKUYAMA	Characterization of optical and electrical properties in nanometer-size semiconductors and their device application
	Professor	Kouji MAEDA	Optical Properties of Semiconductor Thin Films and Fluorescent Materials
	Professor	Makoto YAMAUCHI	Observational Study of High Energy Astrophysics
	Professor	Atsushi YOKOTANI	Research and Development of Application of High Energy and High Intensity Light Source
	Professor	Kenji YOSHINO	Research on Low Cost High Efficiency Solar Cell

Course	Position	Advisor	A Main Research Theme
Energy and Electronics Course	Professor	Kensuke NISHIOKA	Fabrication of High Quality Semiconductor Devices
	Professor	Masato IIDA	Research of Population Dynamics Based on the Analysis of Partial Differential Equations
	Professor	Akinori IGARASHI	Theoretical Research for Atomic Collisions
	Professor	Tatsuro MATSUDA	Study of Hadron Structure and Spectroscopy
	Associate Professor	Masakazu ARAI	Studies on Optical Sensing Devices and Crystal Growth
	Associate Professor	Hidetoshi SUZUKI	Study on New Materials for Super High Efficiency Multi-junction Concentrator Photovoltaic
	Associate Professor	Koji MORI	Studies of the Energy Cycle in Our Galaxy with Multi-wavelength Observations
	Associate Professor	Hirofumi IZUHARA	Pattern Formation in Reaction-diffusion Systems
	Associate Professor	Morimichi UMEHARA	Mathematical Analysis of the Compressible Viscous Fluid Motion
	Associate Professor	Ryusuke KON	Study on Mathematical Modelling and Analysis of Biological Phenomena
	Associate Professor	Yukie MAEDA	Experimental Study of the Few-body Effects and the Proton Size in the Nuclear Physics
	Associate Professor	Masahito KATTO	Development of High-intensity Lasers and Their Applications
	Associate Professor	Kentaro SAKAI	Fabrication and Characterization of Novel Functional Semiconductor Materials
	Assistant Professor	Akihiro KAMEYAMA	Fabrication of optical fiber sensors and its applications
	Assistant Professor	Tsubasa ITOH	Potential theory and fluid mechanics
	Professor	Tatsuya SAKODA	Studies on Effective Usage of Electric Energy
	Professor	Koichi TANNO	Research on High Performance Analog Integrated Circuits
	Professor	Thi Thi Zin	Image Processing and Its Applications - Human Behavior Analysis and Monitoring Systems, Image Search Systems, Big Data Analysis -
	Professor	Noriyuki HAYASHI	Electric Power System Engineering
	Professor	Mitsuhiro YOKOTA	Study on Analysis and Design of Photonic Waveguides by Numerical Techniques
	Associate Professor	Masanori KAKU	High photon energy light source using light-matter interactions and its applications
	Associate Professor	Amane TAKEI	Development of High-performance Electromagnetic Field Analysis Method and Effective Utilization Technique
	Associate Professor	Hiroki MATSUMOTO	Low Voltage Switched-capacitor Digital-to-analog Converter
	Assistant Professor	Shoichiro NAGATA	Improvement of effeciencies of electrical aparatus
	Assistant Professor	Yasuyuki OTA	Development of technology for advanced utilization of solar power and light concentrating system
Mechanical Systems and Informatics Course	Professor	Kikuhito KAWASUE	Three-Dimensional Measurement Using Computer Vision
	Professor	Go SAKAI	Development of Highly Active Electrocatalysts for Polymer Electrolyte Fuel Cells
	Professor	Hiroki TAMURA	Study on the Human Interface Using Biological Signals
	Professor	Ichijo HODAKA	System and Control Theoretic Approach to Technology Applied to Renewable Energy
	Associate Professor	Geunho LEE	Convergence of Robotics and IoT
	Associate Professor	Yuji OKUYAMA	Ionic Transport Properties of Oxides and its Application to Electrochemical Cells
	Associate Professor	Naoki MATSUNAGA	Development of Electrocatalysts for Alkaline Fuel Cells

Course	Position	Advisor	A Main Research Theme
Mechanical Systems and Informatics Course	Associate Professor	Masahiro YOKOMICHI	Research on Autonomous Mobile Robots and Computer Vision with Information Engineering Approach
	Assistant Professor	Nobuya TAKAHASHI	Application of control engineering
	Professor	Ryusuke KAWAMURA	Research of Methods of Thermal Stress Analysis and its Application to Clarification of Behaviors in Solid Mechanics and Assessment of Structural Integrity
	Professor	Byeongrog SHIN	Study on the Computational Fluid Dynamics and Fluid Engineering
	Professor	Gang DENG	Fatigue Strength Evaluation for Machine Elements
	Professor	Yoshinori NAGASE	Study on Solar Heat using Solar Concentrator
	Associate Professor	Osamu OHNISHI	Study on Micro and Precision Machining
	Associate Professor	Akira KAKAMI	Space Propulsion Devices on Spacecraft and Smart Thrust-mesurement System
	Associate Professor	Hiroyuki KINOSHITA	Development of Environmentally Conscious High-Strength-Porous Ceramic From Waste Glass Fiber Reinforced Plastic
	Associate Professor	Yasuhiro BONKOBARA	Development of a Mechanical System Using Nolinear Vibration Phenomena
	Associate Professor	Go YAMAKO	Study on Orthopaedic and Sports Biomechanics
	Assistant Professor	Hitonobu KOIKE	Study on Tribology for Polymer Mechanical Elements with Self-Repairing Function
	Assistant Professor	Shigeki TOMOMATSU	Study on Solar Thermal Power Generation using Beam-down Solar Concentrator
	Professor	Naonobu OKAZAKI	Research on Secure Networking
	Professor	Tetsuro KATAYAMA	Study on Supporting Methods to Generate Software and Methods to Improve its Reliability
	Professor	Isamu HATSUKADE	Astronomical Data Analysis and Observational Study of Cosmic Thin Hot Plasma
	Professor	Masayuki MUKUNOKI	Computer Vision, Image Understanding and Video Media Processing
	Professor	Kunihito YAMAMORI	Parallel Processing and Applications on Neural Network and Evolutionary Computing
	Associate Professor	Kentaro ABURADA	Applied System in Computer Networking
	Associate Professor	Satoshi IKEDA	Optimization of Probabilistic Algorithms
	Associate Professor	Makoto SAKAMOTO	Theoretical Computer Science and Visual Information Technology
	Associate Professor	Akira DATE	Research on Mathematical Models of Learning and Self-organization
	Associate Professor	Kenji AOKI	Research on Biological Information Processing Mechanism by Computational Science
	Assistant Professor	Kentaro INOUE	Bioinformatics and Systems Biology
	Assistant Professor	Hisaaki YAMABA	Research on Computer Support Systems for Design and Operation of Production Systems