

THE GRADUATE SCHOOL OF
NATURAL SCIENCE AND TECHNOLOGY,
GIFU UNIVERSITY
(Master Course)

GUIDELINES FOR APPLICANTS

FOR ADMISSION IN OCTOBER, 2022

The Graduate School of
Natural Science and Technology, Gifu University

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**About Advanced Global Program (AGP)
in the Graduate School of Natural Science and Technology, Gifu University**

Admission Policy

The Graduate School of Natural Science and Technology seeks to admit students who have strong interests in life science, environmental science and manufacturing and have qualities of being able to work successfully as highly specialized professionals in industry and public administration associated with those disciplines both in Japan and abroad. In science and technology and other areas that pursue solutions to problems, one must acquire flexibility to broaden the expertise in a particular field, creativity to generate new concepts and ideas and, on top of that, internationality that enables one to work successfully in connection with the world. To address these needs, we look forward to welcoming students who have the motivations described in (1) to (3) below and learn actively:

Ideal type of students

- (1) Motivated to acquire a broad range of knowledge in order to respond flexibly to trends in society as well as master deeper knowledge with a focus on cutting-edge technology;
- (2) Motivated to produce new concepts, frameworks and innovations in the face of various issues mainly in their area of specialty; and
- (3) Motivated to tackle local issues with a global perspective, in keeping with an increasingly internationalized world.

Department-specific criteria

Department of Life Science and Chemistry

This department is designed with the intention to contribute to improving quality of life through the comprehension of life science and chemistry. Accordingly, admission will be offered to prospective students who are interested in life science and chemistry and have qualities of being able to work successfully in the future as highly specialized professionals in industries such as pharmaceuticals, chemical production, cosmetics, food and the environment.

Department of Agricultural and Environmental Science

This department is designed with the intention to contribute to sustainable biological production and to preserving and repairing the ecological system encompassing human society. Accordingly, admission will be offered to prospective students who have strong interests, coupled with a high level of ethics as scientists, in biological production science and environmental science and have qualities of being able to work successfully as highly specialized professionals in biology-related industry, public administration, research institutes and other sectors associated with these disciplines both in Japan and abroad.

Contents of Education

Department of Life Science and Chemistry

【Molecular Life Science Division】

This division provides the fundamental and applied researches related to life science such as organic chemistry, natural products chemistry, biochemistry and microbiology. In order to contribute to the welfare and existence of human beings, we conduct

advanced research for analyzing and utilizing molecular biotechnology and nurture high-level researchers and professional engineers who are able to play significant roles in the fields of bioscience and biotechnology.

[Life Science for Food Division]

Through the science of food function to comprehensively understand nutrition and the functions of food, and science of food control to systematically learn quality control and the logistics/processing of food, we conduct education and research to let students acquire advanced knowledge and techniques which can be applied generally to food industries.

Department of Agricultural and Environmental Science

[Plant Production Division]

Our educational goal is to foster advanced professionals who can make a contribution in the field of plant production. In order to achieve this goal, we impart not only basic and specialized knowledge related to plant ecophysiology, plant protection, plant breeding and genetics, but also new skills for sustainable eco-friendly plant production through research-based education.

[Animal Science Division]

Animal Science is a field that draws from many disciplines, including animal development, genetics, physiology, nutrition, reproduction, and behavior. Animal Science curricula are designed to provide graduate students with high-level knowledge and skills for animal production, management, and conservation. Through the division, students of Animal Science are expected to develop their ability to work across disciplines.

[Environmental Science and Ecology Division]

The division provides programs and research to facilitate students in acquiring practical skills for assessing the environment in terms of ecosystems and techniques to maintain and manage farm irrigation facilities and farmland. This is achieved through lectures to understand the mutual influence between individual organisms and species, as well as methods to physically improve the soil and water environment, based on ecological science as the common ground for each plant and animal hierarchy and each ecosystem.

**Guidelines for Application to Advanced Global Program (AGP)
in the Graduate School of Natural Science and Technology, Gifu University**

1. Admission Capacity

Department	Enrollment Quota	Division	AGP
Life Science and Chemistry	74	Medicinal Chemistry and Biotechnology	
		Applied Chemistry and Biotechnology	
		Molecular Life Science	A few
		Life Science for Food	A few
Agricultural and Environmental Science	42	Animal Science	A few
		Plant Production	A few
		Environmental Science and Ecology	A few
Civil and Environmental Engineering	29	Environmental Studies	
		Disaster Reduction Studies	
Materials Science and Processing	67	Materials Chemistry	
		Materials Processing	
Intelligence Science and Engineering	81	Intelligent Mechanical Engineering	
		Informatics	
		Applied Mathematics and Physics	
Energy Engineering	72	Energy Conversion	
		Electrical and Energy System Engineering	
International Joint Department of Food Science and Technology between Indian Institute of Technology Guwahati and Gifu University	10	Food Science and Technology	

2. Application

(1) Qualifications for Application (Requirements)

Those who do not hold Japanese citizenship and meet any one of the following requirements, or those who are expected to meet any one of them by the last day of September, 2022

- ① Individuals who have graduated from a university in Japan as a foreign student
- ② Individuals who have obtained a bachelor's degree under the provisions of Section 7, Article 104 of the School Education Act
- ③ Individuals who have completed 16 years of school education courses abroad
- ④ Individuals who have completed 16 years of school education course through correspondence courses provided by an institution in a foreign country
- ⑤ Individuals specified by the Minister of Education, Culture, Sports, Science and Technology (Refer to Ministerial Announcement No. 5 of the Ministry of Education, 1953)
- ⑥ Individuals who have been enrolled in the graduate school of Gifu University or the graduate school of any other university under Section 2 Article 102 of the School Education Act, and who are deemed by the Graduate School of Natural Science and

Technology to possess the academic skills necessary to receive an education at the graduate school

- ⑦ Individuals who are deemed by the individual admission qualification screening of the Graduate School of Natural Science and Technology to possess academic skills equal or superior to those who have graduated from the university, and will be at least 22 years old (for an individual preliminary admission qualification screening, they are required to submit related documents by May 6 (Fri), 2022. (Refer to “6. Admission Qualification Screening”))
- ⑧ Individuals who have been awarded a degree equivalent to a bachelor's degree by completing a course of study at a foreign university with a duration of three years or more

(2) Period

May 23 (Mon) to June 3 (Fri), 2022

For application in person, the reception desk is open from 8:30 a.m. to 5 p.m.

For application by post, the application documents must be received by June 3 (Fri), 2022.

(3) Documents, etc.

Submit the following documents in a lump.

As a rule, received application documents will not be returned.

	Documents	Note
A	Application for admission (Form No. 1)	Completed Application Form (Form No. 1). When choosing the Academic Supervisor, refer to the “List of Faculty Members” (URL: http://gnst.gifu-u.ac.jp/international/agg/) The photo must be of (1) the face and upper body with a bare head, and (2) taken within three months prior to applying.
B	Curriculum vitae (Form No. 2)	Print clearly on the Curriculum vitae form (Form No. 2). International students should fill from elementary education.
C	<ul style="list-style-type: none"> • Three photos • Passport or Residence card (Copy)	The photo must be of (i) the face and upper body with a bare head, and (ii) taken within three months prior to applying. The size is 4cm × 3cm.
D	Academic record and written evaluation	It must be issued by the president of the university or the dean of the department of the university from which the applicant graduated.
E1	Graduation Certificate or Expected Graduation Certificate (for students other than those in the Faculty of Applied Biological Sciences, Gifu University)	Issued by the university (faculty) where they are enrolled (not a photocopy). Students in the Faculty of Applied Biological Sciences, Gifu University do not have to request the issuance of a certificate.

	Documents	Note
E2	Copy of a Diploma or Certificate of Degree (for those who apply for admission according to qualification for application ②)	Applicants expected to earn a degree are required to submit a certificate of expected completion of a major subject issued by the junior college or the vocational high school where they are enrolled, and a certificate issued by the president of the junior college or the principal of the vocational high school stating that the conferment of a bachelor degree will be applied for.
F	Letter of Recommendation (Form No. 3)	The letter must be written by the advisor of the school from which applicants have graduated or by a teacher who knows the applicant well.
G	Summary of Research Experience (Form No. 4)	The summary should be written in about 600 words in English on appropriate size paper. Use Form No. 4 as a cover.
H	Summary of Research Proposal (Form No. 5)	Summarize research objectives/research planning in about 600 words in English on appropriate size paper. Use Form No. 5 as a cover.
I	Statement of Intent (Form No. 6)	Summarize your motivation and purposes of application in about 600 words in English on appropriate size paper. Use Form No. 6 as a cover.
J	Certification of English Proficiency:	Applicants must submit a certification of English proficiency, such as TOEFL, TOEIC or official English proficiency exam conducted by their own country. Applicant who are native speakers of English or who do not have the certificate must submit a letter of certification of their English proficiency issued by their intended advisor.
K	Return Envelope (for applicants who live in Japan)	Affix a 404-yen postage stamp to a No. 3 rectangular envelope and write the applicant's postal code and mailing address on it for applicants who live in Japan. For international students, Examination Number will be announced by email.

(Note)

*All documents must be written in English.

* If the documents above are written in a language other than English, applicants must submit Japanese or English translation of the documents.

(4) Where to Submit the Application Documents

Submit the application documents to the Student Affairs Section of the Graduate School of Natural Science and Technology, Gifu University.

When sending them by post, use “recorded delivery (kan'i kakitome)” for applicants who live in Japan, and EMS for international students.

(5) Choice of Academic Supervisor

When choosing a preferred academic supervisor, refer to “List of Faculty Members” (URL: <http://gnst.gifu-u.ac.jp/international/agc/>).

Note that applicants need to contact the preferred academic supervisor in advance to confirm the contents of education, etc.

3. Admission Screening

(1) Contents

The oral examination will be basically conducted via the Internet, and the applicant will be examined comprehensively based on the English Proficiency, a letter of recommendation, and a Statement of Intent.

(2) Date

June 27 (Mon) to July 1 (Fri), 2022

4. Examination Results Notification

At noon, July 12 (Tue), 2022, the examination numbers of participants who pass the examination will be posted on the Gifu University website.

Note that participants who pass other than those in the Faculty of Applied Biological Sciences, Gifu University will send a notification by email on the day.

5. Entrance Fees and Tuition

For international students (“College Student” visa holder) who are admitted into the AGP, full exemption of the Entrance Fees and Tuition is offered by Gifu University for a period of 2 years.

6. Admission qualification screening

The applicants who are deemed to fall under ⑥ or ⑦ of “2. Application (1) Qualifications for Application (Requirements)” must undergo an individual admission qualification screening as follows.

After the submission of the necessary documents, the procedure for screening will be informed to the applicants.

(1) Application deadline for the admission qualification screening

May 6 (Fri), 2022

(2) Submission

Bring or send the following documents to the Student Affairs Section of the Graduate School of Natural Science and Technology, Gifu University.

(3) Necessary Documents

- i Application form for preliminary admission qualification screening
- ii Curriculum vitae for preliminary admission qualification screening
- iii Application Documents (Refer to “2. Application (3) Documents, etc.”)

(Form No. 1)

2022年度 岐阜大学大学院自然科学技術研究科
アドバンスドグローバルプログラム入学願書
【外国人留学生用】
ADVANCED GLOBAL PROGRAM
THE GRADUATE SCHOOL OF NATURAL SCIENCE AND
TECHNOLOGY, GIFU UNIVERSITY (MASTER COURSE)

Attach your pp size (4cm
x 3cm) photo (taken
within the last three
months)

APPLICATION FORM 2022
【 FOR INTERNATIONAL STUDENTS 】

INSTRUCTIONS:

1. Application should be typed or hand-written in English. (記入は楷書又はローマ字体を用いること)
2. Numbers should be written in Arabic numerals. (数字は算用数字を用いること)
3. Proper nouns should be written in full and not abbreviated. (固有名詞は全て正式な名称とし、一切省略しないこと)
4. Your name should be written in the same order as your passport. (氏名はパスポートの表記と同一とすること)

Full Name (In native language) _____
[姓名 (母国語で)]
Family name First name Middle name

In English (ローマ字) _____
Family name First name Middle name

Nationality (国籍) _____

Marital Status (婚姻状況) Single (未婚) Married (既婚)

Gender (性別) Male (男) Female (女)

Date of birth (生年月日) _____ / _____ / _____ Age _____
Month (月) / Day (日) / Year (年) (年齢)

Academic Supervisor (Choose Academic Supervisor from "List of Faculty Members")

(URL: <http://gnst.gifu-u.ac.jp/international/agc/>)

(インターネット上の「指導教員案内」(URL: <http://gnst.gifu-u.ac.jp/international/agc/>)から希望する指導教員を選んで記入すること)

Department (専攻) _____

Division (領域) _____

Name (氏名) _____

Present status (Include the name of the university attending or name of the employer)

[現職 (在学大学名又は勤務先まで記入すること)]

Present mailing address (現住所) _____

Office: _____
(勤務先)

Home: _____
(自宅)

Phone number (Fixed line: _____) FAX number _____
(電話番号) (FAX 番号)

(Mobile: _____)

Email address _____

(電子メールアドレス)

Curriculum Vitae (履歴書)

1. Educational Background (学歴)

	Name & location of school (学校名及び所在地)	Years (年) Mon (月)	Year and month of entrance and completion (入学及び卒業年 月)	Major subject (専攻科 目)	Diploma or degree awarded (学位・資格)
Elementary Education (初等教育) Elementary School (小学校)	Name (学校名) Location (所在地)	Years (年) Mon (月)	From (入学) To (卒業)		
Secondary Education (中等教育) Lower and Upper Secondary School (中学及び高校)	Name (学校名) Location (所在地)	Years (年) Mon (月)	From (入学) To (卒業)		
Higher Education (高等教育) Undergraduate Level (大学)	Name (学校名) Location (所在地)	Years (年) Mon (月)	From (入学) To (卒業)		
Total years of schooling (以上を通算した全学校教育修学年数)		Years (年)	Months (月)		

*If the blank spaces above are not sufficient for the information required, attach an additional sheet.

[(注) 上欄に書ききれない場合には、適当に別紙に記入して添付すること]

2. Employment experience. 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)

LETTER OF RECOMMENDATION

(推薦書)

To: The Dean of the Graduate School of Natural Science and Technology, Gifu University

(岐阜大学大学院自然科学技術研究科長 殿)

Applicant's

Full Name _____

(被推薦者)

Date of Birth _____

(生年月日)

Nationality _____

(国籍)

1. Please evaluate the level of the applicant's English language proficiency and check (✓) where appropriate.

(被推薦者の英語能力を評価の上、該当欄にレ印を記入してください)

	Excellent	Good	Fair
Reading			
Writing			
Speaking			

2. Please describe the reasons you recommend the applicant. Use additional sheets if necessary.

(推薦の理由を書いてください。必要な場合は別紙に追加してください)

Recommender Information (推薦者)

Full name _____

(推薦者氏名)

College/University _____

Name of Organization _____ Title _____

(勤務先名、大学名)

(役職)

Present address _____

(現住所)

Signature _____ Date _____ / _____ / _____

(署名)

(日付) Month (月) / Day (日) / Year (年)

(Form No.4)

Summary of Research Experience

(研究経験の要約)

Describe, in detail, your specialized field of study (past experience) in about 600 words in English.

(専門分野 (過去の研究経験) について 600 語程度の英文で記述しなさい)

Applicant's

Full Name

Date of Birth

Nationality

(Form No.5)

Summary of Research Proposal

(研究計画書)

Summarize research objectives/research planning in about 600 words in English.

(研究目的及び研究計画の要約を 600 語程度の英文で記載しなさい)

Applicant's

Full Name

Date of Birth

Nationality

(Form No.6)

Statement of Intent

(志望理由書)

Summarize Motivations and Purpose of Application in about 600 words in English.

(志望の動機と目的を 600 語程度の英文で記載しなさい)

Applicant's

Full Name

Date of Birth

Nationality
