

【TENTATIVE ver.】

AiQuSci

Upcoming call for applications:

Fusion of AI and Quantum Sciences for

Developing Innovative Human Resources:

Global Education Program in the COVID-19 Era

Fall Semester of Academic Year 2021

(October 2021)



The University of Electro-Communications

2020.11.27



Upcoming call for applications:

Fusion of AI and Quantum Sciences for Developing Innovative Human Resources: Global Education Program in the COVID-19 Era (AiQuSci)

The program will be offered by: Graduate School of Informatics and Engineering, the University of Electro-Communications (UEC)

Enrollment: Fall Semester of academic year 2021 (October 2021)

Degrees to be offered: Masters and PhD

Financial support: Japanese government (MEXT) scholarship (Scholarship of 145,000 JPY (DC) / 144,000 JPY (MC) per month will be paid. Admission & tuition fees waiver is granted)

Deadline for contacting supervisor: January, 2021 (JST) *As soon as possible

Deadline for submitting documents: February 19, 2021 (JST)

Further information will be provided at:

>http://www.fedu.uec.ac.jp/en/future_students/aiqusci/

We welcome individuals with various international backgrounds who wish to pursue graduate studies in Informatics and Engineering at UEC Tokyo. Our new program will be open to applicants for enrollment in Fall Semester starting in October, 2021.

An applicant may not file other universities MEXT scholarship programs for the same time. If it is found that the applicant has applied to more than one university, he / she will be disqualified.

2020.11.27

AiQuSci Graduate Program at UEC

Fusion of AI and Quantum Sciences for Developing Innovative Human Resources: Global Education Program in the COVID-19 Era (AiQuSci)



1. About Our Program

The "Fusion of AI and Quantum Sciences for Developing Innovative Human Resources: Global Education Program in the COVID-19 Era (AiQuSci)" is a new international graduate program offered by the Graduate School of Informatics and Engineering, the University of Electro-Communications (UEC). The program starts in the Fall Semester of academic year 2021. The program has been selected to be part of the prestigious Japanese government (MEXT) special scholarship program. The program aims to graduate engineers and scientists who can bridge the gap between fields of specialization, industry and academia, and national borders, forming a network of trained individuals who can collectively contribute to SDGs, higher education in developing countries, etc. To this end, AiQuSci recruits excellent international students interested in Informatics and Engineering, with a view to innovations based on Quantum Sciences and Artificial Intelligence (AI). They will be joined by Japanese students, who study under the same curriculum, and together they are expected to become global leaders with broad perspectives.

2. Course Overview

- Students will pursue a desired major by enrolling in one of the following Departments or Joint Doctoral Program: Department of Informatics, Department of Communication Engineering and Informatics, Department of Mechanical Engineering and Intelligent Systems, Department of Engineering Science, and Joint Doctoral Program for Sustainable Research. Moreover, they receive guidance from faculty members working in two complementary fields: one main field and one subfield in order to help students broaden their scope of study and experience.
- Students are encouraged to participate in various educational and research events such as internships, international conferences, collaborative training camps with students from neighboring universities, subject to their own wishes and to the judgment of their supervisors.

3. Recruitment Capacity of AiQuSci for MEXT Scholarship Students

- Master's Course: 2 students
 - Doctoral Course: 6 students
- * In principle, the program is limited to those who were born after April 2, 1986.
- ** AiQuSci program is also open to 8 privately-financed students and 16 Japanese students.

4. Application Requirements

- Academic achievement in terms of Grade Point Average on the JASSO evaluation scale (GPA) must be 2.30 or higher.
- The following language skills are required either for English or for Japanese.
 - Japanese: one of the following conditions to be met.
 - Those who have passed Japanese Language Proficiency Test Level N2 or higher.
 - Those who have obtained an academic degree using Japanese as the main language.
 - Those who are recognized by the UEC as having language skills equivalent to the conditions in a) above.
 - English: one of the following conditions to be met.
 - Those who have qualifications and scores equivalent to B2 of Common European Framework of Reference for Languages (CEFR).
 - Those who have obtained an academic degree using English as the main language.
 - Those who are recognized by the UEC as having language skills equivalent to the conditions in a) above.

CEFR	Cambridge English Scale	IELTS	TOEFL iBT	TOEIC L&R	
				Listening	Reading
C2	230 200	9.0 8.5			
C1	199 180	8.0 7.0	120 95	490~	455~
B2	179 160	6.0 5.5	94 72	400~	385~
B1	159 140	5.0 4.0	71 42	275~	275~
A2	139 120			110~	115~
A1	119 100			60~	60~

Unofficial excerpt/translation based on the chart announced by MEXT in March 2018
https://www.mext.go.jp/b_menu/houdou/30/03/_icsFiles/afieldfile/2019/01/15/1402610_1.pdf

* Please be sure to ask prospective supervisor about qualifications and conditions.

5. Non-eligibility

- Those who meet any one of the following conditions are ineligible. If identified ineligible after being selected as a scholarship student, he/she must withdraw from the scholarship.
- Those who are military personnel or military civilian employees at the time of their arrival in Japan or during the period of the payment of the scholarship.
- Those who cannot arrive in Japan by the last date of the period specified by MEXT or UEC.
- Those who are previous grantees of Japanese Government (MEXT) scholarship programs (including those who withdrew from the scholarship program after arrival in Japan). This does not apply to: those who have educational or work experience exceeding more than three years from the month following the period of the previous scholarship to the estimated first month of the payment of this scholarship; and the past grantees of Japanese Studies Students program who have graduated or are going to graduate from universities in their home countries, Japan-Korea Joint Government Scholarship Program for the Students in Science and Engineering Departments and Young Leaders’ Program. The Monbukagakusho Honors Scholarship for Privately-Financed International Students is not included in the Japanese Government (MEXT) Scholarship Programs.

- Those who are currently also applying to another program under the Japanese Government (MEXT) Scholarship system. This includes the programs for which scholarship payments will begin in FY2020 and for which the final selection results have not been decided yet, and the programs for which scholarship payments will begin in FY2021.
- Those who are already enrolled in a Japanese university or other institution with a residence status of “Student,” or who are going to be enrolled, or plan to enroll, in a Japanese university or other institution as a privately-financed international student between the time of application to the MEXT scholarship program in the applicant’s country and the commencement of the period for payment of the MEXT scholarship. However, this stipulation does not apply to privately-financed international students who, even though they are enrolled, or are planning to enroll, in a Japanese university or other institution, verifiably complete their studies before the start of the scholarship payment period, return to their home country at the time of the scholarship application, and newly acquire the “Student” residence status and come to Japan.
- Those who are planning to receive scholarship money from an organization other than MEXT (including government organization of the applicant’s country) on top of the scholarship money provided by MEXT after the start of the scholarship payment period.
- Those who are expected to graduate at the time of application and cannot satisfy the condition of academic background by the deadline given.
- Holders of dual nationality at the time of application who cannot verify that they will give up Japanese nationality by the time of the arrival in Japan.
- Those who plan to, at the time of application for the MEXT scholarship program, engage in long-term research (such as fieldwork or internship) outside Japan or plan to take a long-term leave of absence from the university.
- Those who have completed a doctoral course and have no intention to obtain a degree.

6. MEXT Special Scholarships

- UEC may recommend 6 doctoral students for 3-year MEXT scholarships and 2 master students for 2-year MEXT scholarships. However, if the scholar’s annual GPA falls below 2.30, he/she will lose his/her qualification as a MEXT scholar.
- Scholarship of 145,000 JPY (DC) / 144,000 JPY(MC) per month will be paid. Admission & tuition fees waiver is granted.
- Roundtrip airfare between the nearest airport of the scholar’s residence and Tokyo will be covered.

* Scholarships will be provided after arrival in Japan. If COVID-19 delays your arrival in Japan, no scholarship will be provided during that period.

7. GPA on the JASSO Evaluation Scale

(Conversion chart)

Classification	Grade				
		優 (Excellent)	良 (Good)	可 (Average)	不可 (Fail)
4-level rating					
5-level rating	S	A	B	C	F
5-level rating	100 - 90	89 - 80	79 - 70	69 - 60	59 - 0
Grade Points	3	3	2	1	0

(GPA Formula)

$$\frac{([No. \text{ of GP3 Credits}] \times 3) + ([No. \text{ of GP2 Credits}] \times 2) + ([No. \text{ of GP1 Credits}] \times 1) + ([No. \text{ of GP0 Credits}] \times 0)}{\text{Total Number of Registered Credits}}$$

* No. = Number * GP = Grade Point

8. Suspension of Payment of Scholarship

Payment of the scholarship will be cancelled for the reasons given below. Should any of the following reasons apply, the grantee may be ordered to return a part of, or all of, the scholarship paid up to that time. Payment of the scholarship may also be stopped during the period up to the decision on the disposition of the matter.

- A grantee is determined to have made a false statement on his/her application.
- A grantee violates any article of his/her pledge to the Minister of Education, Culture, Sports, Science and Technology.
- A grantee violates any Japanese laws and is sentenced and imprisoned for an indefinite period or for a period exceeding 1 year.
- A grantee is suspended from his/her university or preparatory educational institution or receives other punishment, or is removed from enrollment; as a disciplinary action in accordance with school regulations of the accepting institution.
- It has been determined that it will be impossible for a grantee to complete the course within the standard period of study because of poor academic grades or suspension or absence from the university or preparatory educational institution.
- A grantee came to Japan without newly acquiring the "Student" residence status, or changed his/her residence status to one other than "Student".
- A grantee has received another scholarship (excluding those specified for research expenditures).
- A grantee proceeds to a more advanced level of education without receiving approval for an extension of the period of the scholarship.
- A grantee has left the university or transferred to another graduate school.
- When the annual academic achievement falls below GPA 2.30 or University standards.

9. Required documents

The following documents must be prepared and submitted in consultation with the prospective supervisor.

- 1) Application for admission (2021 Version, double face printing)
 - * Please read "INSTRUCTIONS" carefully before filling in the form. In particular, make sure that the academic record period and language proficiency score are correct. Do not insert rows and columns.
 - ** Digital signature is not acceptable.
- 2) Field of Study and Study Program (double face printing)
 - * Please be sure to consult with the prospective supervisor before filling in the form.
- 3) A copy of the student's passport (The page with photo). If you do not have a passport, please submit a copy of the family register, or the citizen (resident) register.
- 4) Certificate of University Academic Record, authorized by the University.
- 5) Certificate of University graduation, diploma or degree, authorized by the University.
- 6) Certificate of a higher rank of academic records at the University. (Certificate of GPA, ranking etc)
 - * If the GPA is listed on the Academic Record, you do not need to submit it.
- 7) Letter of recommendation from "dean or above"
 - * This letter must fulfill all of the following conditions:
 1. The name of the addressee stated in the letter must be "The President of the University of Electro-Communications"
 2. The letter must be printed on your university's letterhead.
 3. The letter must be written by and signed by a dean or above. Digital signature is not acceptable.

8) Photograph data of passport size (4.3 × 3.5cm) taken within the past 6 months.

* The upper half of the body: front face: without a hat.

** Please submit a clear color photo data.

9) Summary of a graduation thesis. (should be concise and to the point).

10) Certificate of language ability. (TOEFL, TOEIC, Japanese language proficiency test etc). If you do not have a language proficiency certificate and have a degree in English or Japanese as your main language, please submit a document that can prove it. This document only accepts official documents issued by the University.

*Please use designated form for 1) and 2). Do not insert rows and columns for the form 1).

**These documents should be typewritten if possible, or neatly handwritten in block letters, on the paper of the size 29.7 cm × 21.0 cm.

***These documents must be written in either Japanese or English, or accompanied by a translation in either of these languages.

10. Life at UEC



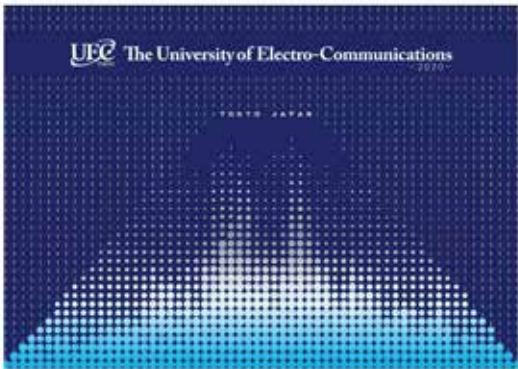
- Student dormitories, located on or near Campus, are available for international students.
 - > <https://www.uec.ac.jp/eng/life/dormitory.html>
 - *More Information>> <https://www.uec.ac.jp/eng/life/>

11. Contact Information

International Student Office: iso@office.uec.ac.jp

About UEC

Pamphlet



Introduction of the University of Electro-Communications, education, research and entrance examinations.

< URL >
<https://www.uec.ac.jp/eng/about/publicity/pdf/pamphlet.pdf>

Video guidance



It provides a comprehensive overview of the University, study and campus life in Chofu.
Have a look and enjoy experiencing the life in UEC!

< URL >
https://www.youtube.com/watch?v=C_RiXQgUMfl&feature=emb_title

Researcher Video Profiles



Introducing the research contents of UEC researchers.

< URL >
<https://www.uec.ac.jp/eng/videouec/>

Why UEC?



Messages from international students and researchers of UEC.

< URL >
http://www.fedu.uec.ac.jp/en/future_students/why-uec/

Check sheet

No.	Application Documents	Original	Copy	Check
1	Application for admission (2021 Version, double face printing). * Please read "INSTRUCTIONS" carefully before filling in the form. In particular, make sure that the academic record period and language proficiency score are correct. <u>Do not insert rows and columns.</u> * Digital signature is not acceptable.	1		
2	Field of Study and Study Program (double face printing). * Please be sure to consult with the prospective supervisor before filling in the form.	1		
3	A copy of the student's passport (The page with photo). * If you do not have a passport, please submit a copy of the family register, or the citizen (resident) register.		1	
4	Certificate of University Academic Record, authorized by the University.	1		
5	Certificate of University graduation, diploma or degree, authorized by the University.	1		
6	Certificate of a higher rank of academic records at the University. (Certificate of GPA, ranking etc) * If the GPA is listed on the Academic Record, you do not need to submit it.	1		
7	Letter of recommendation from "dean or above" * This letter must fulfill all of the following conditions: 1. The name of the addressee stated in the letter must be "The President of the University of Electro-Communications". 2. The letter must be printed on your university's letterhead. 3. The letter must be written by and signed by a dean or above. Digital signature is not acceptable.	1		
8	Photograph data of passport size (4.3×3.5cm) taken within the past 6 months. *The upper half of the body: front face: without a hat. *Please submit a clear color photo data.	1		
9	Summary of a graduation thesis (should be concise and to the point).	1		
10	Certificate of language ability. (TOEFL, TOEIC, Japanese language proficiency test etc). The following language skills are required either for English or for Japanese. 1. Japanese: one of the following conditions to be met. a) Those who have passed Japanese Language Proficiency Test Level N2 or higher. b) Those who have obtained an academic degree using Japanese as the main language. c) Those who are recognized by the UEC as having language skills equivalent to the conditions in a) above. 2. English: one of the following conditions to be met. a) Those who have qualifications and scores equivalent to B2 of Common European Framework of Reference for Languages (CEFR). b) Those who have obtained an academic degree using English as the main language. c) Those who are recognized by the UEC as having language skills equivalent to the conditions in a) above. * If you do not have a language proficiency certificate and have a degree in English or Japanese as your main language, please submit a document that can prove it. This document only accepts official documents issued by the University.	1		

