MEXT Japanese Government Scholarship Programs
SESS and AiQuSci

To be Called for
Enrollment in October 2024

Aims of Programs

- To foster Engineers and Scientists
  - ➢ who can bridge various fields of specialization, industry and academia
  - ➢ without being hampered by national borders,

- To form NETWORKS of trained individuals on a global scale
  - ➢ who can collectively contribute to SDGs, higher education in developing countries, the advanced technology of tomorrow, innovations for a new age, *etc.*

What are the programs?

- International Graduate Programs
  Master Course + Ph.D. Course (5years)
  Ph.D. Course(3 years)

- Students will pursue their desired major by enrolling in one of the departments.

- Students in the programs will receive guidance in the main field and subfield in order to help students broaden their scope of study and experience.

What are the programs?

- Students are encouraged to participate in various educational and research events.

- Admission & tuition fee are waived

- Scholarships are granted by MEXT *
  147,000-148,000 JPY(990 USD) per month
  Round-trip airfare covered

* **MEXT** = **M**inistry of **E**ducation, **C**ulture, **S**ports, **S**cience and **T**echnology

Number of MEXT Scholarships per Program

Program	Master Courses	Ph.D. Courses	Total
SESS	2	6	8
AiQuSci	2	6	8

SESS =Leadership Development Program for Self-Evolving Smart Societies

AiQuSci = Fusion of AI and Quantum Sciences

Living costs in Tokyo

- rent 44,000 - 60,000 JPY (400USD)per month in "UEC Port",
  (60,000 -70,000 JPY(470USD) per month in
  private lodgings)

- food and daily necessities
  40,000-50,000 JPY(340USD) per month

Application Requirements

- GPA (Grade Point Average) : 2.30 or higher(on a 3pt scale)
- Language(s): English and/or Japanese.

  English

  a) CEFR B2 or higher

  b) Academic degree in/through English

  Japanese

  a) Level: JLPT N2 or higher

  b) Academic degree in/through Japanese

  * **Complete Japanese classes offered** on campus at UEC

  ** Japanese is needed for the Master's Course <= Learning the Japanese Language encouraged.

- Born after April 2, 1989

Important Dates for Enrollment 2024

Late October,2023	Call for Application
November,2023	Online Briefing Session on Zoom
December 13, 2023	Deadline for contacting a potential supervisor
February 13, 2024	Deadline for submitting application documents
March, 2024	Selection by the university Recommendation to MEXT
June, 2024	Notification of acceptance
October, 2024	Fall Semester of academic year 2024

Basic Information

- Overview of the MEXT scholarships at UEC
  http://www.fedu.uec.ac.jp/en/future_students/scholarship/overview.html

- Researcher Profile and Achievements :
  https://researchers.uec.ac.jp/search/?lang=en

- UEC's Research Magazine in English: e-bulletin/UEC Research&Innovation
  http://www.ru.uec.ac.jp/e-bulletin/
  http://www.ru.uec.ac.jp/randi/

Other Information

Life at UEC

Student dormitories, located on or near Campus,

- https://www.uec.ac.jp/eng/life/dormitory.html

More Information

- https://www.uec.ac.jp/eng/life/

Contact Information

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

We welcome interested students to contact us regarding UEC's graduate studies.

Thank you for your attention

UEC

end

Brief Introduction on The University of Electro-Communications

History of UEC

1918 Established as "The Technical Institute for Wireless- Communications"

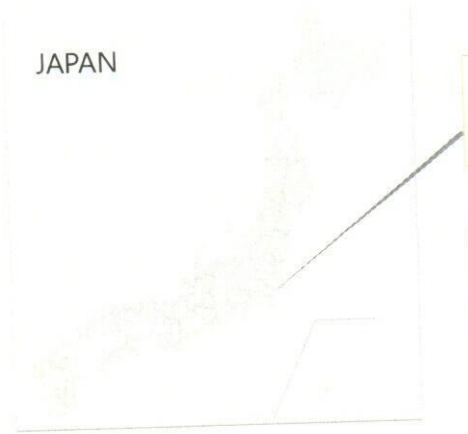
the tragic incident of the Titanic in 1912

1949 Promoted to the National University status as "The **U**niversity of **E**lectro-**C**ommunications"

2013 Authorized as "The Enhancement of Research Universities"

2018 Observes its Centennial

Location of UEC Campus

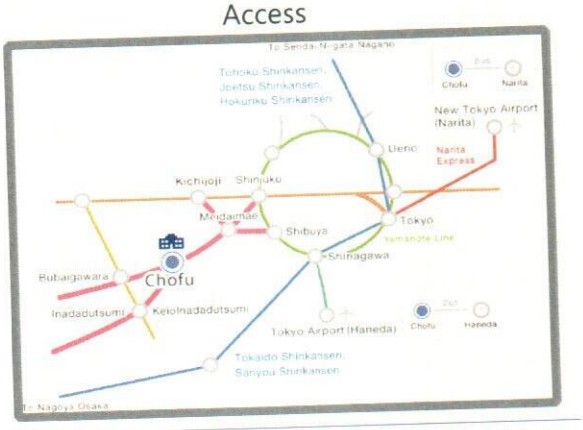


A convenient location

- **15 minutes to Shinjuku**, a major business center
- **1 hour from Tokyo Airport** by Airport Shuttle bus.

With beautiful suburban and historical surroundings

Access



The Mission of the University

Aiming for the creation and achievement of knowledge and skill to contribute to the sustainable development of humankind

1. Education and research at the cutting-edge of science and technology for the benefit of all humankind

The university will advance education and research at the level of a world leader in fields of science and technology with special focus on areas related to information and communication.

2. Cultivating international researchers and technologists to take the initiative

The University educates researchers and engineers with imagination and ability founded on a broad perspective on society and technology, internationalism, and ethics.

3. Creative engagement and cooperation with society in the pioneering of a new era of science and technology

Through the creative engagement of knowledge and skill based on both domestic and international cooperation, the University supports the development of both Japan and international society.

UEC Statistics

(as of May 1, 2023)

1. **One Undergraduate and One Graduate Schools**
   - Undergraduate School of Informatics and Engineering
   - Graduate School of Informatics and Engineering

2. **Number of Students : 4,801 (305 international students)**
   - Undergraduate: 3,371
   - Graduate <Master>: 1,159
     <Doctor>: 271

3. **Number of Faculty Members : 348**
   - Professors: 135
   - Associate Professors: 123
   - Lecturers: 4
   - Assistant Professors: 42
   - Special Faculty Members: 44

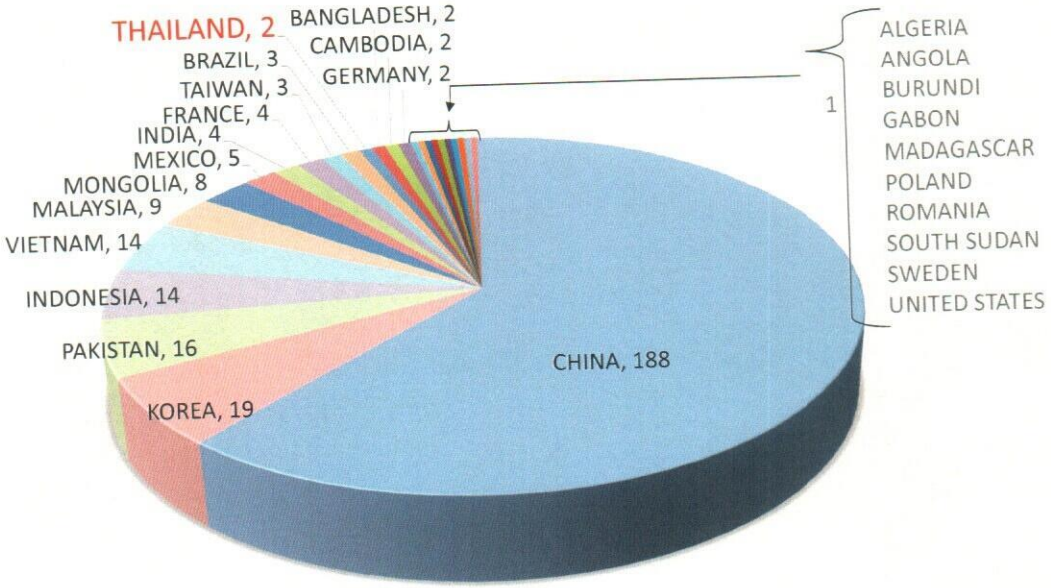
4. **Number of Administration and Technical Staffs: 199**

International Students-1

Category	
Undergraduate	52
Master's course	90
Doctoral course	102
Research student	39
Short term exchange	17
Other	5
Total	305

International Students-2

(as of May 1, 2023)



Category	
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Total number of international students : 305

International Partners

(as of May1, 2023)

UEC Course Overview

- **Graduate School of Informatics and Engineering**
  - **Department of Informatics** — *Image Reconstruction, Haptic Interfaces, Information Security, Artificial Intelligence*
  - **Department of Computer and Network Eng.** — *Integrated Analysis Technology for 3 Dimensional Electro-magnetic/Solid State Device, Ultra-large Capacity Photonic Network, Molecular Information Processing, Storks Flow Simulation*
  - **Department of Mechanical and Intelligent Systems Eng.** — *Micro robot, Intelligent Control of Machine Tool and Industrial Robot, Tactile Feedback Type High-Speed Robot Hand, Intelligent Control of Robot Cluster, Robotics Hands-on, Rehabilitation Engineering*
  - **Department of Engineering Science** — *Production of Dense and Highly Uniform Quantum Dots, High Efficiency Energy Conversion Mechanism Based on Luminescent Creatures, Holographic Optical Memory Material, Manifestation Mechanism of Material Properties*
  - **Joint Doctoral Program for Sustainability Research** — *Sustainable Development Goals (Language, Liberal arts, Foods, Energy, Life science, ICT, AI, Robotics, Optical science)*

UEC Characteristics of each department

Department of Informatics

- **Media Science and Engineering Program**
  Development and application of a rich and comfortable information media
- **Management Science and Social Informatics Program**
  Methods and techniques for creative and efficient corporate practice utilizing the management information
- **Information Security Engineering Program**
  Safety technology, design technology and operational technology in order to solve the "Threat to Information"

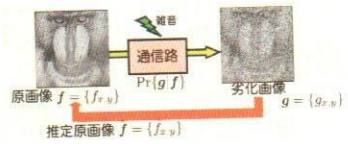
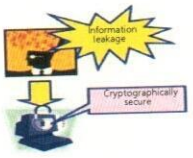


Image reconstruction

Haptic interfaces
(haptic=sense of touch)



Information security

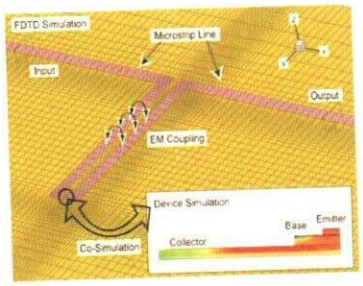
Financial engineering

UEC Characteristics of each department

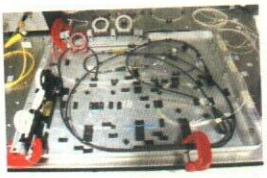
Department of Computer and Network Eng.

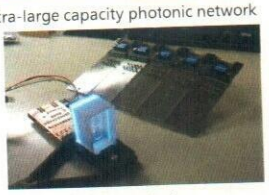
- Mathematical Information Science Program
- Computer Science Program
- Information and Communication Engineering Program
- Electronics and Information Engineering Program

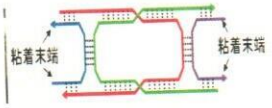
Creation of information and communication technology to support the safe and comfortable social infrastructure by the fusion of computer and communication



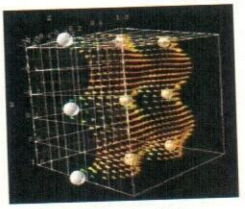
Integrated analysis technology for 3 dimensional electro magnetic/solid state device


Ultra-large capacity photonic network


Electronic device



Molecular information processing

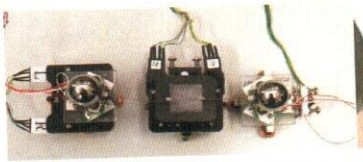

Storks flow simulation

UEC Characteristics of each department

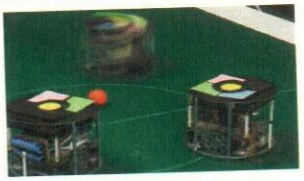
Department of Mechanical and Intelligent Systems Eng.

- Measurement and Control Systems Program
- Program Advanced Robotics Program
- Mechanical Systems Program

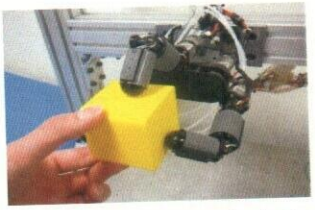
- ☐ Fusion of machinery, computers, and electronics
- ☐ Development and intelligent control of the "Intellectual Mechanisms"



Micro robot


Intelligent control of robot cluster


Intelligent control of machine tool and industrial robot


Tactile feedback type high speed robot hand (tactile=touch)


Robotics hands-on lab.

Characteristics of each department

Department of Engineering Science

- Electronic Engineering Program
- Optical Science and Engineering Program
- Applied Physics Program
- Chemistry and Biotechnology Program

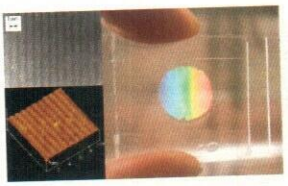
Education and research for advanced science and technology, basing on the electronics, optical technology, physics, chemistry, biology, etc.

Production of dense and highly uniform quantum dots

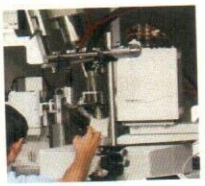
Luminous mushrooms

Firefly

High efficiency energy conversion mechanism learned from luminescent creatures



Holographic optical memory material



Research on the manifestation mechanism of various material properties

Characteristics of each department

Joint Doctoral Program for Sustainable Research

- Doctoral degree program jointly offered by Tokyo University of Foreign Studies (TUFS), Tokyo University of Agriculture and Technology (TUAT) and the University of Electro-Communications (UEC)

offering the specializations of the three universities in sustainability research

東京外国語大学 Tokyo University of Foreign Studies

Language, liberal arts, and area studies

TAT 国立大学法人 東京農工大学 Tokyo University of Agriculture and Technology

Food, Resources and Energy Life Science

UEC 国立大学法人 電気通信大学 The University of Electro-Communications

Fostering interdisciplinary and cross-border practitioners to contributing to the solutions of global challenges