

東京農工大学

# Tokyo University of Agriculture and Technology



Fuchu Campus



2024



Koganei Campus

# Flourishing Together, Tokyo University of Agriculture and Technology (TUAT)



President, **CHIBA Kazuhiro**

Tokyo University of Agriculture and Technology (TUAT) nurtures research professionals capable of contributing to innovative solutions for the next generation. Our institution integrates the knowledge and techniques of agricultural and engineering sciences through cutting-edge research efforts, transcending barriers of gender, generation, and nationality. Additionally, TUAT has forged interdisciplinary fields that merge agricultural and engineering sciences with other disciplines. This has propelled our institution to the forefront as an international research hub. Moving forward, we remain committed to collaborating with international partners and tackling global challenges.

## President's Vision Statement



Toward a world-leading research university that "Spins the Earth"  
— weaving science and society to create a globally sustainable world

### *Flourishing Together*

In its founding 150 years ago, Tokyo University of Agriculture and Technology laid the foundation for agricultural science and technology to sustainably secure food and to export the products obtained from the sericulture industry, or silk spinning, which was the key industry in Japan at that time. Against this background, we would like to present a vision of Spinning the Earth, which encompasses the history of this research institution as well as our current mission to weave together science and society in order to promote the sustainability of our planet.

Strategy1 *Promote educational reform to increase students' future potential*

Strategy2 *Create new initiatives and novel concepts that lead the world*

Strategy3 *Provide and implement a knowledge-based society embodying how it should be*

Strategy4 *Strengthen university governance and self-empowered management*

## 2024 marks the 150th anniversary of the founding of TUAT!

The roots of TUAT can be traced back to the Agricultural Training School and the Sericulture Experiment Section established in 1874 at the Naito-Shinjuku Branch of the Industrial Promotion Board, Ministry of Home Affairs.

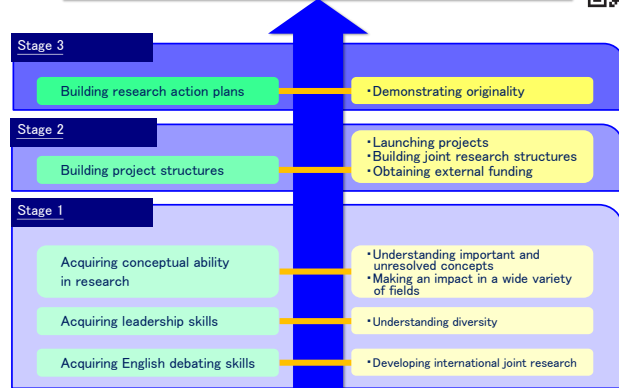


# Education

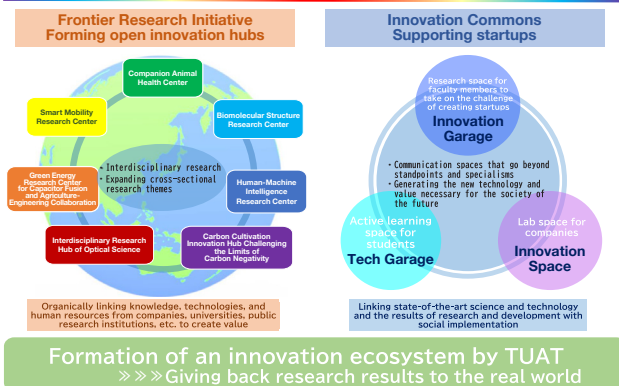
TUAT is dedicated to fortifying its foundational and cutting-edge research capabilities, with a focus on agricultural and engineering sciences. Concurrently, we are advancing education and research endeavors, addressing interdisciplinary challenges on a global scale. Over seventy percent of our undergraduate students continue their studies in graduate school. TUAT provides a five-year integrated Master's and Doctoral degree program called the World-leading Innovative and Smart Education (WISE Program) and similar initiatives. Furthermore, aiming to apply research outcomes to real-world societal needs, TUAT creates new industries and industrial structures through initiatives such as the Deep Tech Industry Development Organization.

## WISE Program

For master and doctoral students to acquire bold conceptualization of the future and steady, step-by-step implementation of their ideas.



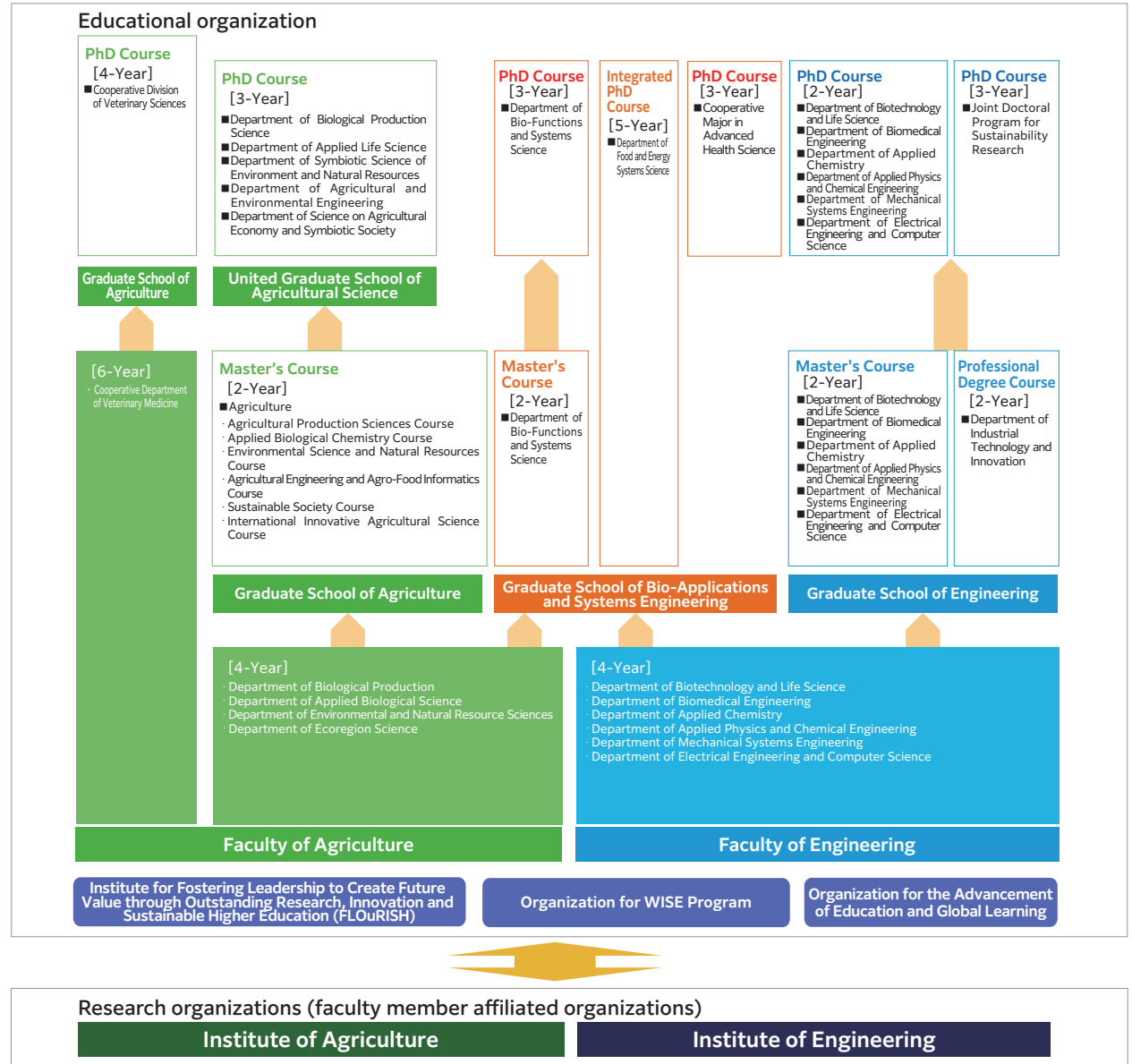
## Deep Tech Industrial Development Organization



## Number of degree recipients until the end of March 2023

Master's	Cumulative totals until 2021-2022	2022-2023
Engineering	12,890	424
Agriculture	7,211	227
Academic	100	1
Technology Management (professional course)	617	38
<b>Total</b>	<b>20,818</b>	<b>690</b>

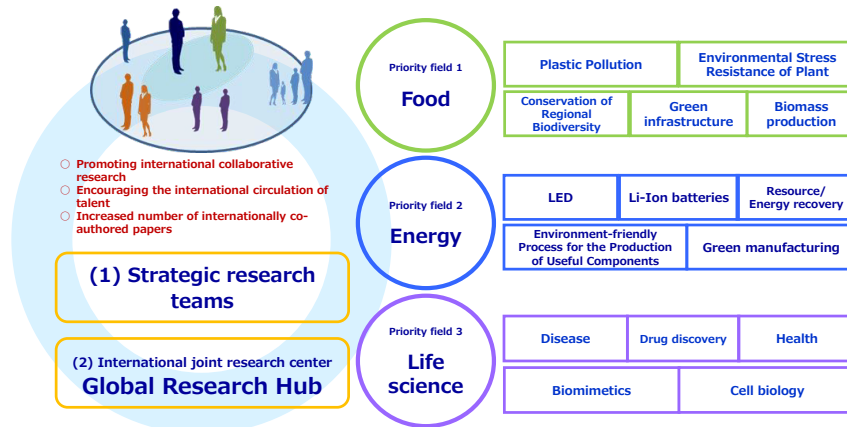
PhD	Cumulative totals until 2021-2022	2022-2023
Engineering	1,569	57
Agriculture	2,005	40
Academic	88	1
Life science	36	2
Veterinary science	5	16
<b>Total</b>	<b>3,703</b>	<b>116</b>





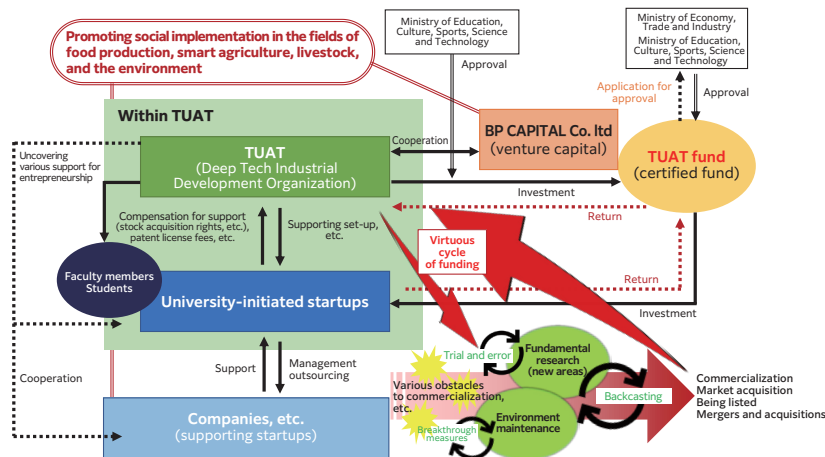


We have established **the Institute of Global Innovation Research**, and as a foundation for promoting international collaborative research in three priority areas of food, energy, and life science, we are promoting the enhancement and strengthening of international collaborative research center to strive for world-leading research.

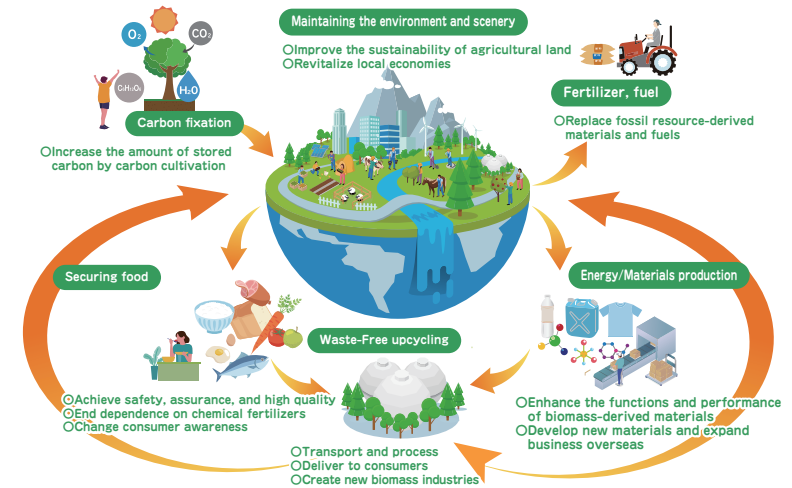


## Composition of the first certified fund through cooperation between a national university and a private sector venture capital firm

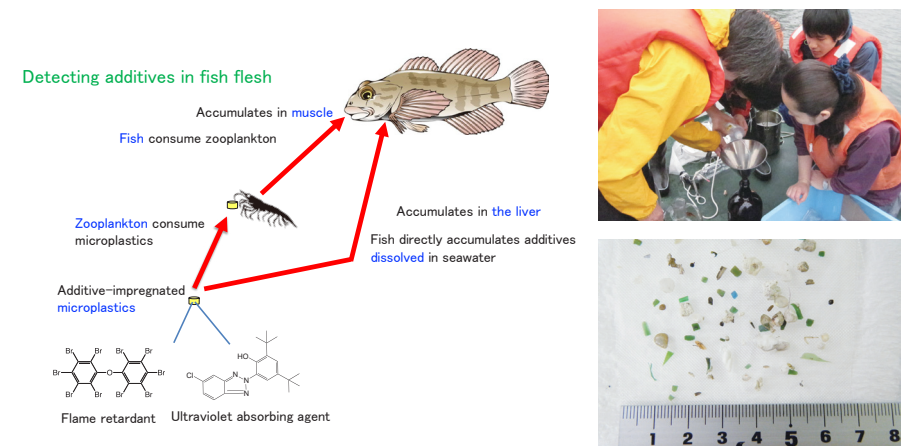
This is the first example in Japan since the government relaxed investment legislation, and established an environment that enables us to focus our energy on supporting startups, mainly in the seed funding to early stages.



We have established an open innovation platform “Carbon Cultivation Innovation Hub Challenging the Limits of Carbon Negativity”. It is supported by the funding program “COI-NEXT co-creation area/full-scale type” of the Ministry of Education, Culture, Sports, Science and Technology (MEXT).



This is the world's first in verifying that additives contained in microplastics are accumulated in the bodies of fish via the food chain.







# TUAT at Present

## Basic Data

**Name** Tokyo University of Agriculture and Technology  
**Location** 3-8-1 Harumi-cho, Fuchu-shi, Tokyo, 183-8538



English website



TUAT song



official mascots Hakken and Koken

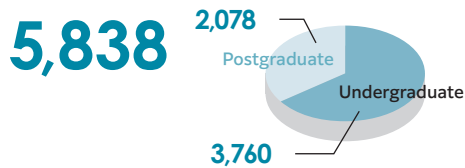


Emblem



Logo

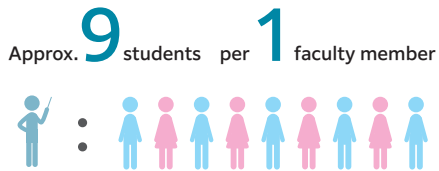
• Number of students As of May 1, 2023



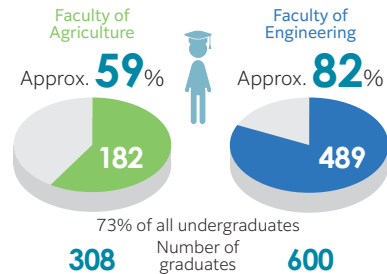
• Number of faculty/administrative staff members As of May 1, 2023



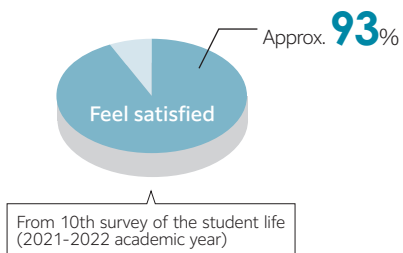
• Number of students per faculty member (undergraduates) As of May 1, 2023



• Undergraduates entering graduate schools after graduation 2002-2023 academic year results



• High levels of student satisfaction with campus life



• Gender ratio for undergraduates As of May 1, 2023



## Research

• Number of joint research projects with the private sector per faculty member



• Amount of money received per faculty member for the cost of joint research with the private sector



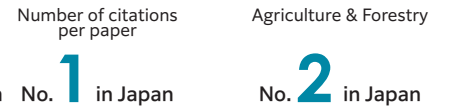
• QS World University Rankings 2023



• QS Asia University Rankings 2023



• QS World University Rankings by Subject 2023



## Education

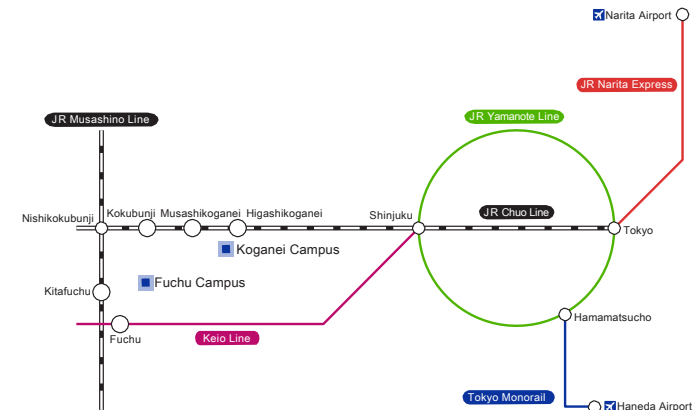
• The Japan University Rankings 2023



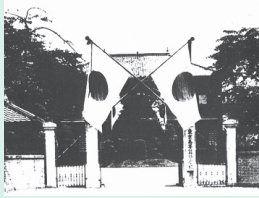
• Overseas partner universities As of May 1, 2023



## Access



# History of TUAT



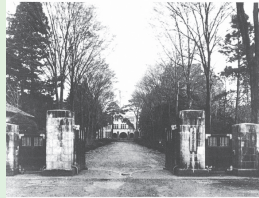
Imperial Tokyo Sericultural College main entrance



Main building just after completion



New school building in Koganei



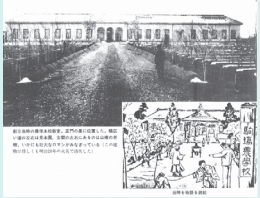
Faculty of Agriculture main building and main entrance when TUAT was established



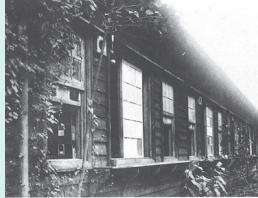
BASE building



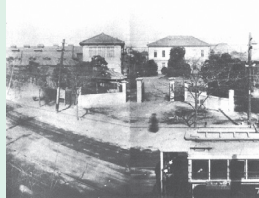
150th anniversary project logo



Komaba Agriculture School building



Exterior of dormitory



Moved from Nishigahara to Koganei



Faculty of Textile main building and main entrance when TUAT was established



United Graduate School of Agricultural Science building



Ellipse

1874

1878

1914

1919

1935

1940

1944

1949

1962

1985

1995

2004

2014

2016

2024

Naito-Shinjuku Branch of the Industrial Promotion Board, Ministry of Home Affairs was founded  
Komaba Agriculture School established

Imperial Tokyo Sericultural College established

Department of Practical Applications established at Faculty of Agriculture, Tokyo Imperial University

Tokyo Imperial College of Agriculture and Forestry established (Department of Practical Applications became independent and moved to its present location in Fuchu)

Moved from Nishigahara to the present location in Koganei

Tokyo College of Agriculture and Forestry established  
Tokyo Textile College established

TUAT (Faculty of Agriculture/Faculty of Textile) founded

Faculty of Textile renamed as Faculty of Engineering

United Graduate School of Agricultural Science (doctoral courses) established

Faculty of General Education discontinued  
Graduate School of Bio-Applications and Systems Engineering established

Graduate courses restructured and shifted to the national university corporation Tokyo University of Agriculture and Technology

Construction of the 140th Year Commemorative Building (Ellipse) completed

Institute of Global Innovation Research established

150th anniversary



# Spinning the Earth

## MORE SENSE! TUAT

Tokyo University of Agriculture and Technology

April 2024

3-8-1 Harumi-cho, Fuchu-shi, Tokyo, 183-8538

<https://www.tuat.ac.jp/>