



Obihiro University  
of Agriculture and Veterinary Medicine

## Message from the University President

Obihiro University of Agriculture and Veterinary Medicine was founded in 1941 as Obihiro Higher Technical School of Veterinary Medicine. It later became Obihiro College of Veterinary Medicine and then Obihiro Agricultural College before attaining its current status as Obihiro University of Agriculture and Veterinary Medicine. With our campus located at the heart of the vast Tokachi Plain, we offer educational and research programs based on practical learning in agriculture, animal husbandry, and veterinary medicine.

As the only national agricultural university in Japan, we continue to pursue our mission: advancing related knowledge and expanding practical learning. We will contribute to regional and international societies by training individuals who have skills in sustainable agriculture to protect our food resources. To fulfill this mission,

the School of Cooperative Veterinary Medicine aims to train veterinarians who can contribute to society in the field of clinical veterinary medicine — with practical expertise in animal disease diagnosis and prevention — and in zoonosis control and other public health fields. The School of Agriculture prepares to students to be professionals who can play leading roles in wide-ranging fields of agriculture and animal husbandry, including food hygiene, with expertise in life science, food science, and environmental science based on the concept of “from farm to table.” To develop globally competent individuals, we also offer undergraduate and graduate interdisciplinary educational and research programs that involve agriculture, animal husbandry, and veterinary medicine.

We seek to foster globally minded agricultural experts who can meet the needs of society in collaboration with various organizations, including local research and development institutes; businesses related to agriculture, food, and animals; international organizations responsible for animal health and food safety; and organizations engaged in international cooperation in developing countries. To this end, we are working to achieve the following four visions.

1. Develop a curriculum that is equal to the educational standards of Europe and America.
2. Pursue global collaborative research and educational exchanges with top universities around the world.
3. Train individuals through practical coursework that conforms to international standards for safety and hygiene.
4. Conduct collaborative research and training suited to the needs of society and business.



OKUDA Kiyoshi, D.V.M., Dr.med.vet., Ph.D.

## Faculty and Staff

Members of the Board	3(3)
Professors	56
Associate Professors	37
Senior Assistant Professors	8
Assistant Professors	28
Administrative and Technical Staff	92
Total	224(3)

( ) Part-time

## Number of Students

Undergraduate School	1,175
Graduate School	143
Two-Year Course	38
Total	1,356

## Researcher

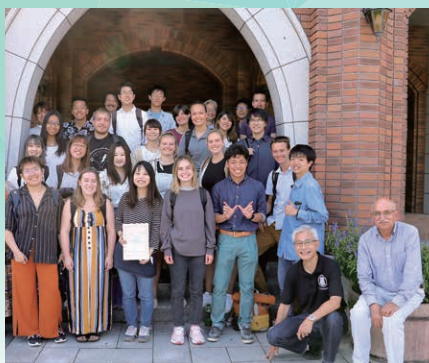
URL : <https://www.obihiro.ac.jp/en/faculty>

## International Academic Exchange Agreements

<b>Belgium</b>	University of Liege (2018.12.20)
<b>Canada</b>	University of Alberta (1985.8.1)
<b>China</b>	Xinjiang Agricultural University (1999.7.30) Hei Long Jiang Provincial Academy of Agricultural Sciences (2010.8.14)
<b>Germany</b>	Ludwig-Maximilians-Universität München (1994.7.15) University of Veterinary Medicine Hannover Foundation (2007.10.18)
<b>Indonesia</b>	Bogor Agricultural University (2009.12.21)
<b>Korea</b>	Chungnam National University College of Veterinary Medicine (1993.1.11) Seoul National University, College of Agriculture & Life Science, College of Veterinary Medicine (1996.10.21) Konkuk University (1996.12.4) Kangwon National University (1997.8.28)
<b>Mongolia</b>	Mongolia State University of Agriculture (203.10.31)
<b>Paraguay</b>	University of Asuncion (1986.4.16)
<b>Philippines</b>	University of the Philippines Los Baños Campus (1991.9.27) De La Salle University and De La Salle Araneta University (2005.10.5)
<b>Poland</b>	University of Warmia and Mazury in Olsztyn (2017.9.25) Institute of Animal Reproduction and Food Research of the Polish Academy of Sciences (2017.9.25)
<b>Sri Lanka</b>	University of Peradeniya, Faculty of Agriculture (1996.11.7)
<b>Switzerland</b>	Vetsuisse Faculty, Universität Bern (2005.6.15)
<b>Thailand</b>	Mahidol University (2005.7.14) Chiang Mai University (2012.12.19) Chulalongkorn University (2019.2.7)
<b>Taiwan</b>	National Ping Tung University of Science & Technology (2010.8.24)
<b>U.S.A.</b>	Cornell University, College of Veterinary Medicine (2013.12.2) University of Wisconsin, College of Agriculture & Life Sciences (2014.9.25)
<b>Viet Nam</b>	Hue University (2005.1.12)

### Department-level Academic Exchange Agreement with the Research Center for Protozoan Diseases

<b>China</b>	Department of Veterinary Medicine, Agricultural College, YANBIAN University (2011.9.30) Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences (2010.9.25)
<b>Philippines</b>	College of Public Health, University of the Philippines Manila Campus (2008.11.5)



## Research Center for Global Agromedicine

The Research Center for Global Agromedicine (GAMRC) was established in April 2015 to solve global issues surrounding food (food safety, livestock diseases, and food shortages) by strengthening international joint research between Obihiro University of Agriculture and Veterinary Medicine and the world's leading universities in the fields of agriculture and veterinary medicine. The GAMRC also aims to collaborate with universities in developing countries to promote the study of these fields. The term "global agromedicine" was coined to describe the vision of the research center, which is to protect people, livestock, crops, and wildlife by promoting research that will find solutions to pressing food-related problems around the world.



## National Research Center for Protozoan Diseases

Specializing in the comprehensive study of protozoan diseases to scientifically contribute to the health and welfare of all humankind, the National Research Center for Protozoan Diseases (NRCPD) assumes a significant role in the control of zoonotic protozoan diseases and the securing of protein resources through improvements in animal productivity. The World Organization for Animal Health (OIE) accredited the NRCPD as a reference laboratory for surra (*Trypanosoma evansi* infection), equine piroplasmiasis and *Babesia bovis* infection in 2007, and as an OIE-collaborating center for surveillance and control of animal protozoan diseases in 2008.



## Field Center of Animal Science and Agriculture

The dairy farm of the Field Center of Animal Science and Agriculture is ISO 22000 certified. It is a place for hands-on education and research related to agriculture, animal husbandry, clinical veterinary medicine, and food safety. The Field Center also provides a variety of information and opportunities for practical learning to the regional community.

About 200 dairy and beef cattle (Wagyu) are raised at the Field Center, and the milk from the herd is processed into fresh milk and ice cream at an internationally certified (FSSC 22000) campus dairy.



## Veterinary Medical Center

The Veterinary Medical Center provides medical care to animals on an outpatient basis, as well as to animals kept at the Field Center of Animal Science and Agriculture. It is a teaching hospital where undergraduate and graduate students make diagnoses and give medical treatment for the purpose of clinical training and academic research.



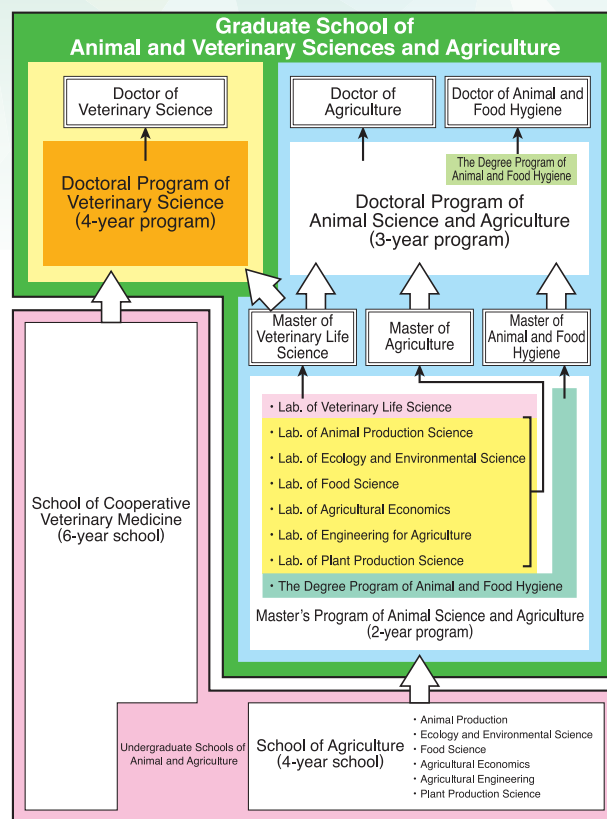
## Large Animal Hospital and Clinical Research Facilities

The Large Animal Hospital and Clinical Research Building is equipped with CT and MRI machines and other medical devices, and it has an operating room and a treatment room for clinical research on large animals. The hospital is the center for education on advanced veterinary treatment, as well as for basic education on veterinary treatment for large animals. The Diagnostic Center for Animal Health and Food Safety, the Pathological Diagnostic Building, the Large Animal Pavilion, and other facilities were designed to ensure the smooth flow between clinical, pathological, and toxicity examinations. Our aim is to effectively utilize these facilities to improve the quality of veterinary education and to help students acquire the necessary skills to be leaders in the field of veterinary medicine.

# Graduate School of Animal and Veterinary Sciences and Agriculture

Issues concerning food safety are intertwined in such a way that they cause various problems across specializations. To solve problems concerning agriculture, it is necessary to construct an education and research system fusing veterinary science, animal science, and agriculture. Our doctoral program is an integrated system from the undergraduate to doctoral level that covers the fields of veterinary science, animal science, and agriculture.

The Veterinary Life Science Program was established to facilitate research that combines veterinary science, animal science, and agriculture. For students who have completed an undergraduate program other than veterinary science, the program provides knowledge and training in animal science and agriculture plus basic knowledge of veterinary science. There is no doubt that experts who can approach agriculture from a veterinary science perspective can contribute to food safety and the health of animals and humans.



## Master's Program of Animal Science and Agriculture

This program prepares students to be highly trained professionals, educators, or researchers who can address a wide array of food safety and global issues related to animal science and agriculture. The program combines research in the fields of animal science and agriculture with veterinary medicine. It stresses the latest knowledge and skills in these specialized and interdisciplinary fields with courses in veterinary life science, animal production science, environmental ecology, food science, agricultural economics, agricultural engineering, and plant production science.

Degree: Master of Veterinary Life Science Year: 2-year

Degree: Master of Agriculture Year: 2-year

### Laboratory

#### Veterinary Life Science

Courses in the Laboratory of Veterinary Life Science present students with a wide range of specialized knowledge and skills in veterinary life science, including the fundamentals of pathology, infectious disease control, etiological control, and clinical veterinary science, for various types of animals: companion, industrial, lab, and wild animals.

#### Animal Production Science

Courses in the Laboratory of Animal Production Science teach students the most advanced fundamental and applied knowledge and skills in animal production science. This training enables them to explore the field of animal husbandry from a broad perspective taking into consideration animal welfare and ecological conservation, as well as conventional livestock production. After completing the courses, they can apply their understanding of animal physiology and behavior for genetic improvement and enhanced productivity of livestock.

#### Ecology and Environmental Science

The Laboratory of Ecology and Environmental Science provides an overarching view of utilizing and protecting agricultural and animal husbandry environments and the natural environment that encompasses them. They also gain the latest knowledge on the roles and functions of animals, plants, insects, and microorganisms that make up these environments. In addition, students learn about their mutual interactions and relationships with agriculture and animal husbandry, from an ecological conservation perspective.

## Food Science

Students in the Laboratory of Food Science acquire a broad understanding and up-to-date knowledge and skills regarding the production and processing of foods made from agricultural and livestock ingredients. They learn about the functionality and safety of such foods from the molecular to the industrial level.

## Agricultural Economics

Leveraging resources in Hokkaido's Tokachi region, known as Japan's breadbasket, is a critical component in achieving a sound material cycle. The Laboratory of Agricultural Economics gives students advanced knowledge and skills for successful careers in economics and business administration related to food production, distribution, and consumption.

## Engineering for Agriculture

Hokkaido's Tokachi region is known as the breadbasket of Japan. Its abundant resources are integral components in realizing a sound material cycle that ensures local resource management. The Laboratory of Engineering for Agriculture provides students with an advanced education and research skills to take leading roles making environmental improvements for food production using mechanical, biological, and civil engineering approaches.

## Plant Production Science

The Laboratory of Plant Production Science provides students with advanced knowledge and skills in fields related to the qualitative and quantitative improvement of plant production based on expertise in plant physiology, ecology, and genetics as well as soil science. The goal is to teach how to achieve a sound material cycle and ensure local resource management.



## Master 's / Doctor 's Degree Program of Animal and Food Hygiene

The program is open to all students who major in animal science and agriculture, regardless of the courses they are enrolled in. It provides professional-level training in food safety, and its goal is to train individuals who can maintain international safety and hygiene standards required by businesses involved in the global distribution of food.

The program's specialized curriculum includes courses on management systems for the safety and hygiene of agricultural and livestock products. Students who successfully complete this program will receive a degree in their area of specialization and be ready to work as animal and food hygiene professionals with exceptional skills in their chosen field.

Degree: Master of Animal and Food Hygiene Year: 2-year

Degree: Doctor of Animal and Food Hygiene Year: 3-year

## Doctoral Program of Animal Science and Agriculture

The Doctoral Program of Animal Science and Agriculture prepares students to be creative educators and researchers equipped with professional research and teaching skills necessary to respond to the globalization of agriculture and food supply. The program offers courses that combine the fields of animal science and agriculture with veterinary medicine in the areas of animal production science, environmental ecology, food science, agricultural economics, agricultural engineering, plant production science, and animal and food hygiene.

Degree: Doctor of Agriculture Year: 3-year

## Doctoral Program of Veterinary Science

Students completing the Doctoral Program of Veterinary Science are prepared to play a leading role in education and research that contribute to the enhancement of food safety as well as animal and human health. The program develops students' practical skills and leadership abilities that are necessary to meet the ever-diversifying social needs of globalized agricultural and livestock businesses from a perspective of both veterinary medicine and agriculture. Students who successfully complete this program are ready to engage in cutting-edge research in basic veterinary science, but also pathological, applied and clinical veterinary science, or to work as clinical veterinarians who use the most current medical treatments for companion, industrial, and wild animals.

Degree: Doctor of Veterinary Science Year: 4-year

## Entrance and Tuition Fees

Students, except for Japanese government scholarship students and OUAVM scholarship students are required to pay entrance examination, admission and tuition fee.

Category	Entrance Examination Fee	Admission Fee	Tuition
Payment Period	When applying for the examination	During a designated period after notification of acceptance	In May and November
Undergraduate	¥ 17,000	¥ 282,000	¥ 535,000 / year
Graduate	¥ 30,000	¥ 282,000	¥ 535,000 / year
Research Student	¥ 9,800	¥ 84,600	¥ 356,400 / year

## Tuition Fee Waiver and Extension on Payment

For privately-financed international students who are unable to pay their tuition fees and have excellent grades, there's a system that waives all, half of their tuition fees or postpone the payment. There is also another system that waives the entrance fee. Please note that research students are not eligible for this system.

## Topics

**13 Dec 2019**

### **OUAVM acquires accreditation from the European Association of Establishments for Veterinary Education (EAEVE)**



The EAEVE granted accreditation to the Cooperative Veterinary Education Program between Hokkaido University and Obihiro University of Agriculture and Veterinary Medicine, VetNorth Japan, and to the Joint Faculty of Veterinary Medicine of Yamaguchi University and Kagoshima University, VetJapan South.

The presidents of the four universities held a joint press conference at the Ministry of Education on December 13. On behalf of the four universities, OUAVM president Kiyoshi Okuda said that we do not consider the accreditation as a goal but as a milestone, and the four universities will share their experiences and knowledge from the accreditation process with other veterinary colleges to make ongoing contributions to improve Japanese veterinary education. OUAVM will continue its efforts to further internationalize its veterinary education programs. OUAVM is also committed to promoting international exchanges and joint research projects to provide quality education with a solid research foundation.

**19 Sep 2019**

### **The Summer Joint-Program with the University of Wisconsin-Madison at OUAVM**



OUAVM hosted the Summer Joint-Program with the University of Wisconsin-Madison (hereinafter referred to as UW-M) from August 19 to 27.

OUAVM hosted the program for the second time in cooperation with the UW-M, as part of an academic exchange agreement between the two universities. The nine-day program provides an opportunity for both OUAVM and UW-M students to learn about Hokkaido's nature and food systems through group work and discussions.

The program was offered entirely in English. Twenty-four students (12 each from UW-M and OUAVM) attended lectures on the environment, soil, dairy farming, food, and economy of Hokkaido. They engaged in fieldwork and toured related agricultural facilities. They also took part in an overnight training course in Akan National Park. On the final day, the students made a presentation on what they had learned in the program.

The program was a great success. Many of the students said that they had deepened their understanding of other cultures, experienced different values, and improved their communication skills through discussions and group work with students from another country. They also felt that they had acquired extensive knowledge about agriculture in Hokkaido through the lectures and hands-on practice.

# International Exchanges

Total 1453

International students : 685

JICA participants : 768



## International Activities

The mission of Obihiro University of Agriculture and Veterinary Medicine (OUAVM) is to develop a unique style of education by combining practical science with creative intellectual research to contribute to local and international communities through training of skilled individuals who can support food production and people's everyday lives. OUAVM graduates and trainees are ready to support developing countries by playing global roles in the fields of veterinary medicine, agriculture, and livestock production, by ensuring food safety and the improvement of food productivity.

### Producing people for international cooperation

By giving students opportunities to see firsthand actual agricultural and livestock production sites in developing countries, OUAVM helps them to decide on careers as international specialists in veterinary medicine, agriculture, and animal husbandry.

- International Studies Program (2018-)
- Special admissions for students with experience in international aid projects (2006-)
- Project for strengthening small dairy farmers in Itapua, Paraguay (2012-)

### Accepting trainees

In cooperation with JICA, OUAVM accepts researchers and engineers from developing countries and provides them with training courses to improve their knowledge and skills in veterinary medicine, agriculture, and animal husbandry. As of October 2019, OUAVM has accepted 768 trainees from 91 countries (see the map).

Training courses for 2019:

- Rural Development through creations Agricultural Value Chain (Value Addition to Livestock Products)

### Dispatching experts

In order to share results of our creative and interdisciplinary practical science research and to help create sustainable progress of global communities, OUAVM participates in JICA projects such as the "Technical Cooperation Project" and "Grassroots Technical Cooperation", and dispatches our faculty to developing countries as JICA experts. As of October 2019, 347 faculty members have worked as JICA experts.

### Technical cooperation projects

- Technical Cooperation for Enhancement of Agricultural Training Center and Support for Human Resource Development for Promotion of Dairy Farming in the Eastern Region of Paraguay (2016-2020)
- Livestock Farmer Support Program by Controlling Tick and Tick-Borne Diseases in Uganda (2020-2024)



## Location Map

- Haneda Airport
  - ✈ Tokachi Obihiro Airport
- Narita Airport
  - ✈ New Chitose Airport 🚆 Obihiro
- Kansai Airport
  - ✈ New Chitose Airport 🚆 Obihiro



## Access Map

- From Obihiro Station / About 20 min. (7 km) by car
- From Tokachi-Obihiro Airport / About 25 min. (21 km) by car



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