



Introduction to the Program

Leading Graduate Program in Primatology and Wildlife Science (PWS)

While working towards Kyoto University's mission statement of the well-being of the world, the **Leading Graduate Program in Primatology and Wildlife Science (PWS)** strives for many other goals. This program also aims to foster the type of individual that will have the ability to make quick judgement of one's environment, the ability to design the future of global society, while all at the same time nurture a leader-type of individual who will be indispensable for overseas expansion.

(Japanese) primatology originated from Japan, and plays a big role in leading this unique academic study to the world. During the recent years, an emerging field of academic study called "Wildlife Science" that targets endangered species has been on the verge of establishment. **With fieldwork as its foundation, a comprehensive understanding of the human mind, body, life and genome, as well as engaging in hands-on activities that aims for a "the well-being of the world" are all vital to this establishment.**

While being the front line of an academic field, in Japan this field has a shortage of three important careers that is not lacking in the West. **(1) Conservation specialists of international organization(s) such as the United Nations and NGO; (2) Curators of museums, zoos, aquariums, and the like, as well as one that can develop and/or expand a museum or zoo as a "field museum" in a specific habitat; and (3) Outreach workers that invests a great length of time in outreach activities in a specific countries and societies.** While providing a foundation for new research, education and hands-on experience, this program aims to nurture a global leader that interconnects this academic field and one's accomplishments.

For further details on the program, please refer to our HP (<http://www.wildlife-science.org/>)



1

Conservation specialists of international organization(s) such as the United Nations and NGO

Significant international contributions: Produce an individual that acquires expertise, high linguistic skills, and experience in fieldwork



2

Curator (Zoo, Museum, Aquarium, and the like) (Ph.D. level curator)

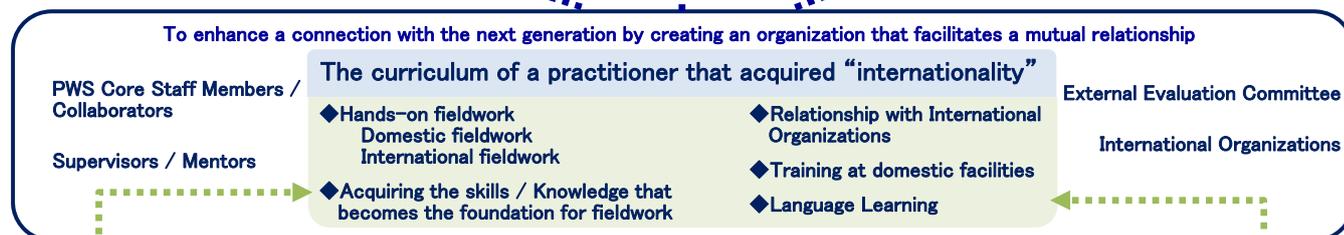
A career path in specialized knowledge, demonstrating one's experiences, and contributing to society



3

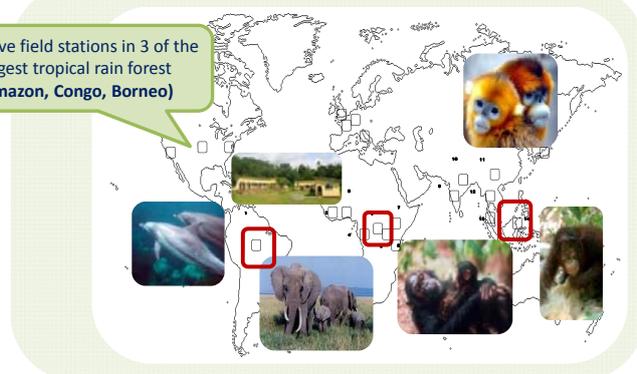
Outreach workers investing a great length of time in outreach activities in a specific countries and societies

Expanding Kyoto University's tradition: Identifying the needs through on-site field of view; a leader who can propose significant contributions to Japan

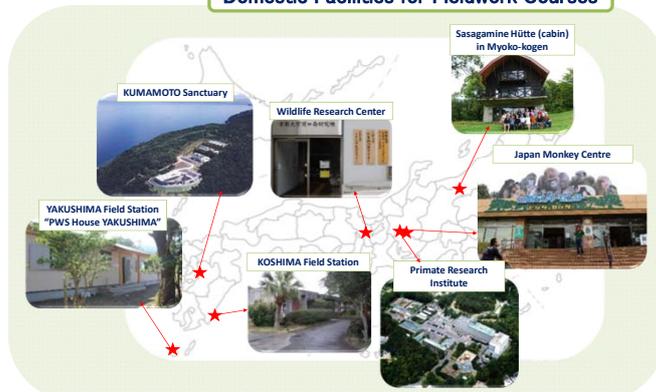


Facilities for International Collaborations

We have field stations in 3 of the largest tropical rain forest (Amazon, Congo, Borneo)



Domestic Facilities for Fieldwork Courses



The enrollment process of the Leading Graduate Program in Primatology and Wildlife Science

The Leading Graduate Program in Primatology and Wildlife Science (PWS) is a 5-year program. Students approved to join the PWS program from their first year of Master's program will progress from L1, L2, L3, L4, L5, and will complete the program in 5 years.

The PWS program is completed by students parallel to their existing Kyoto University master's and doctoral programs. Therefore, students do not need to change their supervisor or section/laboratory to join PWS. However, there are **two necessary conditions** for eligibility:

1. A graduate student of Kyoto University:

It is required to become a graduate student of the Division of Biological Science, Graduate School of Science (Kyoto University). However, we are in the process of adjustment for students of other graduate departments to enroll in our program, so please do not hesitate to inquire.

2. To apply and receive approval to enroll into our program:

The process is the same for both Japanese natives and foreign students. Eligible students: 1st year Master's students (will be called L1 student), or a doctoral students (will be called L3 student). Annually, we will disclose the guidelines for applicants in mid-January, and administer the entrance exam in the beginning of March.



Curriculum

Leading Graduate Program in Primatology and Wildlife Science (PWS)

The following contents show the curriculum and schedule that the Leading Graduate Program in Primatology and Wildlife Science offer. Credits obtained through the mandatory courses can also be used as credit for Graduate School of Science, Kyoto University.

NOTE: Course schedules are subject to change. For more information, refer to the following site: <http://www.wildlife-science.org/en/curriculum/>
Please contact the following e-mail address for any questions about the curriculum of PWS: info@wildlife-science.org



MANDATORY COURSES (corresponds to Master course)



◎Interdepartmental Exchange "Inter-lab"

To obtain a general idea of the diverse areas of study in the Division of Biological Science, Kyoto University. Visit the following facilities in succession: Kyoto City Zoo, Center for Ecological Research (KU), Research Reactor Institute (KU), Seto Marine Biological Laboratory (KU), Primate Research Institute (KU), Japan Monkey Centre

Apr. 4th-9th, 2016



◎KOSHIMA Field Science Course

To learn the basis of wildlife research. Conduct observation on wild Japanese macaques (protected species) in Koshima, the birthplace of Japanese primatology. Required to develop independent research topic (e.g., Identification of food items in feces)

PRI: Apr. 24th-30th, 2016
WRC: May 5th-11th, 2016



◎YAKUSHIMA Field Science Course

To learn the basis of wildlife research. Conduct fieldwork on animals/plants in Yakushima, a UNESCO World Heritage Site. English is the official language in this course to facilitate exchange of ideas with international participants, e.g. from Tanzania, India, Malaysia and elsewhere. Samples collected during the course will be used in the following Genome Science Course.

Spring: May 21st-27th, 2016
Fall: Oct. 16th-22nd, 2016



◎Genome Science Course

Complementary to the Yakushima Field Science Course. Designed for participants who expect to engage in both laboratory work and fieldwork. Beginner (direct sequencing) and advanced (next generation sequencing) courses are available. English is the official language as in the previous course. The samples from Yakushima will be used to perform various experiments and analyses. Students give a poster presentation at the international symposium scheduled on the last day of this course.

Spring: May 30th-Jun. 3rd, 7th, 2016
Fall: Oct. 24th-28th, 2016



◎Zoo/Museum Course

To obtain practical experience in environmental education in the field of primatology/wildlife science as well as to learn to work as a curator, one of the three exit points of the PWS program. This course provides lectures by zoo technicians and practical training as zookeepers.

Place: Japan Monkey Centre

Spring: TBD (June, 2016)
Fall: TBD
(February or March, 2017)



◎Comparative Cognitive Science Course / Animal Welfare Course

To learn the basis of comparative cognitive science. Understand the procedures in cognitive experimentation and behavioral observation. Work with:

- Chimpanzees & Horses (Primate Research Institute): Comparative Cognitive Science Course
- Bonobos (Kumamoto Sanctuary): Animal Welfare Course

Comparative Cognitive Course: TBD (August, 2016)
Animal Welfare Course: TBD (November, 2016)



◎SASAGAMINE Field Science Course

(Non-snow season / Snow Season)
To learn survival skills as the basis for future fieldwork. Activities include:

- Wildlife observation
- Climbing Hiuchi Mountain (2,420m)
- Night-time bivouac practicum (improvised encampment)

Place: Kyoto University Sasagamine Hütte (cabin) in Myoko-kogen (plateau at 1,300m elevation), Niigata Prefecture

Non-snow Season:
Summer: TBD (July, 2016)
Autumn: TBD (October, 2016)
Snow Season: TBD (March, 2017)



◎Fieldwork (designed by each PWS student)

To develop skills in planning projects aimed at one or more of the three exit points (goals) of the PWS program (i.e., conservation specialization, curation, outreach). Required to design/conduct individual overseas training projects.

Many group fieldworks are designed by Students.

- JIGOKUDANI
- Kids Jamboree@ TOKYO
- SHODOSHIMA
- TAKASAKIYAMA
- San Francisco



LONG-TERM INTERNSHIP TRAININGS (corresponds to Doctoral course)



◎Conservation Biology Internship Training

UN-related organizations and NGOs



◎Animal Welfare Internship Training

Museums, Zoos and Aquariums



◎Social Outreach Internship Training

Outreach activities in specific countries and societies



LIBERAL ARTS SUBJECTS



◎Buddha Seminar

- Lectures from WWF officers, ambassadors, governors, etc.
- Official language: not specified



◎Asura International Seminar

- Lectures from researchers, government officials from the United Kingdom, Congo, Brazil, Butan, etc.
- Official language: English



LANGUAGE LEARNING

"Self-Study Paradigm"
"Hands-on Experience through Fieldwork"



Students are required to become proficient in at least one foreign language in addition to their native language. English is required for all students whose native language is not English. International students whose native language is English are required to master another language of their choice. Students are also strongly recommended to learn a second foreign language.



The International Symposia on Primatology and Wildlife Science



- The 1st: Mar. 06-08, 2014
- The 2nd: Aug. 29-30, 2014
- The 3rd: Mar. 05-08, 2015
- The 4th: Jul. 21-22, 2015
- The 5th: Mar. 03-06, 2016
- The 6th: Sep. 12-15, 2016
- The 7th: TBD (March, 2017)