

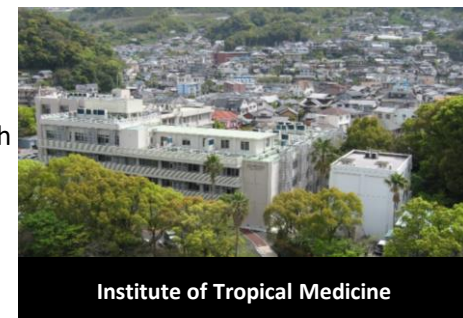
# Program for Nurturing Global Leaders in Tropical and Emerging Communicable Diseases

## Training the next generation of global leaders in infectious disease control

Infectious diseases such as malaria, dengue fever, and trypanosomiasis continue to pose a serious threat to the health of the vast population of those living in tropical regions. Furthermore, due to globalisation and climate change, such diseases are also beginning to pose risks to public health in non-tropical countries. Tropical infectious diseases must now be considered a global public health concern, rather than a local problem, and efforts to reduce their impact must focus on global, international solutions. Cooperation among nations and organisations is a must if we are to effectively combat these threats.

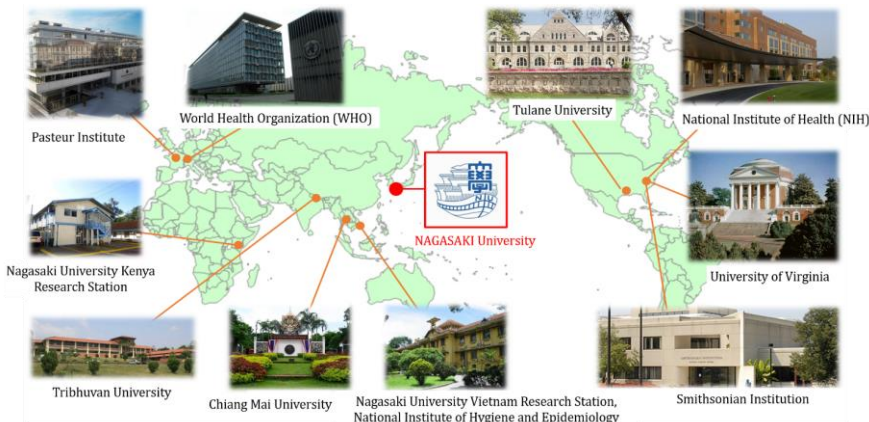
The Graduate School of Biomedical Sciences at Nagasaki University has established a new educational program that aspires to train the next generation of global leaders in emerging communicable disease control. This program aims to provide young professionals with the knowledge and skills necessary to oversee the control of tropical infectious diseases at both the national and international levels.

Nagasaki University's Institute of Tropical Medicine, the only such institute in Japan, has over 70 years of experience in tropical disease research, enabling it to offer an outstanding and unique learning environment to students in this program.



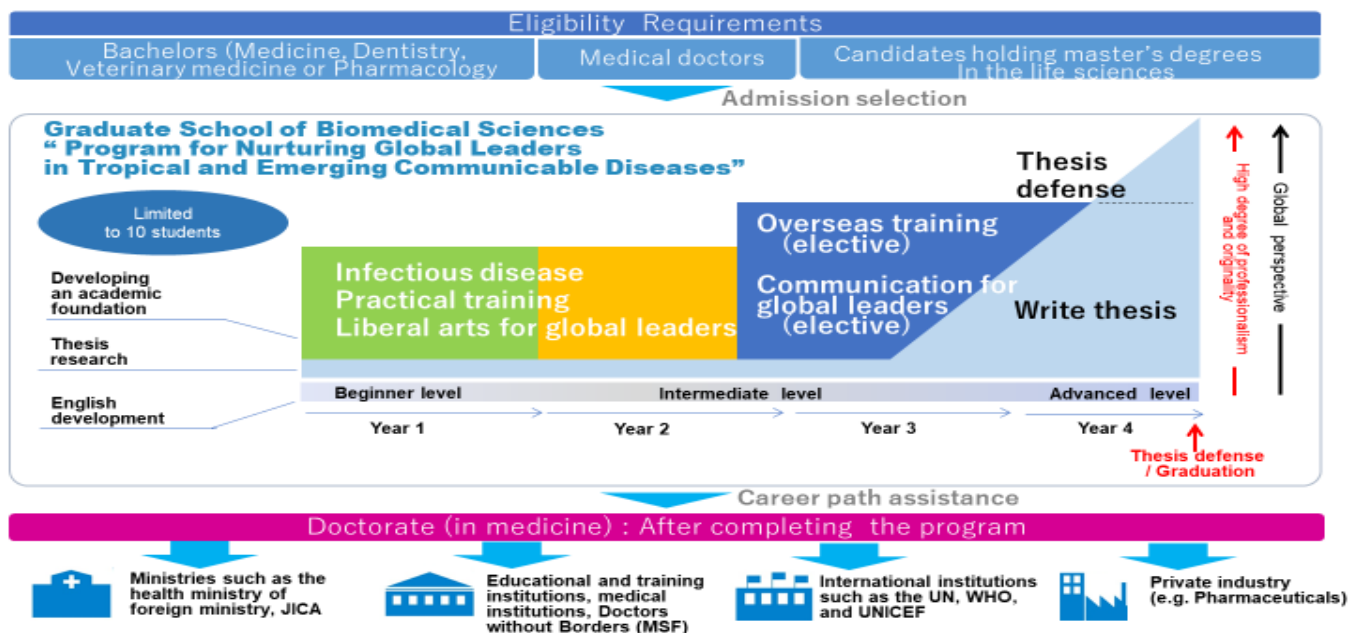
## Practical research at Nagasaki University's Overseas Research Stations

Overseas research stations have been established in Kenya and Vietnam in collaboration with Nagasaki University. Resident university faculty members conduct advanced research in tropical regions and train students in the treatment of tropical infectious diseases. In 2011, a system was arranged for graduate students to perform extended field research in areas affected by tropical diseases. This international education and research environment is suited to students looking to gain real practical experience.



In collaboration with international organizations, several research institutions aid in providing practical training to graduate students in the program at overseas research stations in Kenya, Vietnam and organizations such as the World Health Organization (WHO), Doctors without Borders (MSF), and the South Africa National Institute for Communicable Diseases (NICD).

# Professional training with an international perspective over a four-year curriculum



Throughout the four-year duration of this doctoral course, students will learn both theoretical and practical skills from established tropical disease professionals. This education will furnish students with the experience necessary to work effectively in environments where tropical diseases are endemic. The curriculum includes practical components such as on-the-job training in infectious disease control, how to collaborate with international organisations, internships and pathogen handling skills.

## Course List

Category	Subjects	Number of credits		Academic year
		Required	Elective	
Infectious disease subjects	Required Subjects	Medical Virology	1	1
		Medical Microbiology	1	1
		Infectious Disease Epidemiology	1	1
		Medical Parasitology	1	1 · 2
		Medical Zoology	1	1 · 2
		Infectious Diseases and Therapeutics	1	1 · 2
Practical Training	Required Electives	Research on Experimental Frontiers	2	1 · 2
		Seminar on Writing Research Grant Proposal	2	1 · 2
		Multi-Lab Training for Critical Reading	2	1 · 2 · 3
		Overseas Training	2	2 · 3
Liberal Arts for Global Leaders	Required Electives	Emergency Management in Communicable Diseases Epidemics	1	1 · 2
		Bioethics	1	1 · 2
		Cultural Anthropology	1	1 · 2
		International Economics	1	1 · 2
		International Law and Policy	1	1 · 2
Communication for Global Leaders	Required Electives	Communication Skill I	1	1 · 2
		Communication Skill II	1	1 · 2
		Communication for Global Leaders I	1	1 · 2 · 3
		Communication for Global Leaders II	1	1 · 2 · 3
Project Research		Project Research I	2	1 · 2
		Project Research II	2	1 · 2
Dissertation Research		Dissertation Research I	4	3 · 4
		Dissertation Research II	4	3 · 4

## Degree Subject

Doctor of Philosophy in Medical Science: noting that the Program for Nurturing Global Leaders in Tropical and Emerging Communicable Diseases has been completed.

## Financial Support

The Leading Program collaborates with the Japan International Cooperation Agency, JICA. Through the JICA scholarship program, applicants who are selected as JICA Scholarship Course participants will be financially supported after enrolling in our program. For other scholarships, please visit the website of the Student Exchange Support Division of Nagasaki University. [http://www.liaison.nagasaki-u.ac.jp/en/?page\\_id=148](http://www.liaison.nagasaki-u.ac.jp/en/?page_id=148)

## Application Information

The application information of the Program for Nurturing Global Leaders in Tropical and Emerging Communicable Diseases is available from the below website of Nagasaki University Graduate School of Biomedical Sciences. Website: [https://www.mdp.Nagasaki-u.ac.jp/admission/ms\\_dc/](https://www.mdp.Nagasaki-u.ac.jp/admission/ms_dc/)

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