Doctoral Program in Medical Science, Graduate School of Medical Research

Regional medical expert program to resolve global medical depopulation

This program fosters human resources who will work with Japanese research institutions, medical institutions, and companies to conduct research and practice community medicine on a global scale in the future.

Number of people to be admitted

1st recruitment About 5 (including 3 international students)

2nd recruitment About 5 (including 3 international students)

※Note: The number of people to be admitted for this program is included in the number of people, 30, to be admitted for the Doctoral Program in Medical Science.

Eligibility for Application

International students must meet the following qualifications in addition to those listed in "2 Eligibility for Application" (pages 5-6) on Application Guidelines.

・Those who have nationality in one of the countries listed below:
Nepal, India, Bangladesh, Myanmar, Thailand, Vietnam, Indonesia

・Those born on or after April 2, 1991

Entrance examination method

In addition to the entrance examination method described on page 8 of Application Guidelines, the Head of the Graduate School will evaluate the applicants, and the judgement will be made based on a comprehensive evaluation of all factors.

Applicants for this program will be treated as dual applicants for the "Special Program". Priority will be given to the "Special Program" in the selection process. If the applicant is not selected for the "Special Program", he/she will be screened again as a general applicant.

https://www.med.shimane-u.ac.jp/graduate/requirements.html

Features of the Special Program

・The program provides research guidance using the advanced expertise and cutting-edge medical technology possessed by the Graduate School of Medical Research and the hospital of Shimane University, with the aim to identify problems in community medicine in the home countries of international students, examine measures for improvement, and foster next-generation leaders who will support research and medical treatment in their home countries.

・With the aim of fostering human resources who will engage in research and practice of community medicine on a global scale in the future, "Presentation in English" is included in

the compulsory subjects, leading to the improvement of English proficiency and the cultivation of an international perspective not only for international students but also for Japanese students.

・The program incorporates lectures in the " Collaborative Program of Medicine, Science, Engineering and Agriculture" in cooperation with the Graduate School of Natural Science and Technology of Shimane University, enabling students to acquire advanced expertise in natural science fields.

Special Program Curriculum Table

Subjects Classification	Subjects	Community Medicine Research Course (A)	Community Medical Personnel Course (B)	Years in which classes are held	Credits	
					Lectures Exercises	Experiments Practices
Compulsory Subjects	Methods of Medical Research Ⅰ			1・2	1	
	Methods of Medical Research Ⅱ			1・2	1	
	Sustainability science and SDGs			1・2・3・4	2	
	Presentation in English			1・2・3・4	2	
	Special Practice			1・2・3・4		1
Elective Compulsory Subjects	Methods of Basic Medical Science	(○)		1・2	1	2
	Methods of Applied Medical Science	(○)		1・2	1	2
	Methods of Clinical Medical Science		(○)	1・2	1	2
	Introductions of Clinical Oncology	(○)	(○)	1・2	2	1
	Infectious Disease Ⅰ	○		1・2・3・4	2	3
	Basic Immunology Ⅰ	○		1・2・3・4	2	3
	Environmental Medicine Ⅱ		○	1・2・3・4	2	3
	Primary care・Community Medicine		○	1・2・3・4	2	3
Elective Subjects	Prevention, diagnosis, and treatment of infectious diseases by antibody or vaccine			1・2・3・4	2	3
	Clinical Immunology Ⅱ			1・2・3・4	2	3
	Tumor Immunology Ⅰ			1・2・3・4	2	3
	Local Cancer Therapeutics			1・2・3・4	2	3
	Pathology of Organ Systems Ⅱ			1・2・3・4	2	3
	*Science for a sustainable society and future Earth			1・2・3・4	1	
	【Collaborative Program of Medicine, Science, Engineering and Agriculture】					
	Optical Engineering for Medical Application			1・2・3・4	2	3
	Medical Application and Environmental Influence of Functional Materials and Foods			1・2・3・4	2	3
	Application of Advanced Informatics and Mathematics to Clinical Medicine and Social and Environmental Medicine			1・2・3・4	2	3
	Biomaterial Science and Radiation for Application to Medicine, Science and Engineering			1・2・3・4	2	3
(Remarks)						

Students must acquire a total of 30 or more credits, including 7 credits from the compulsory subjects, 13 credits from the elective compulsory subjects [2 subjects marked with "○", and 1 subject from 3 ones (Course A) or 2 ones (Course B) marked with "(○)"], and 10 credits from the elective subjects.