

<b>Course title</b> <English>	感染症疫学 【領域3】 Infectious Disease Epidemiology		<b>Affiliated department, Job title, Name</b>	Graduate School of Medicine Professor, KIHARA MASAHIRO	
<b>Target year</b>	Professional degree students	<b>Number of credits</b>	1	<b>Course offered year/period</b>	2017/Intensive, First semester
<b>Day/period</b>	Intensive	<b>Class style</b>	Lecture	<b>Language</b>	English
<b>[Outline and Purpose of the Course]</b>					
This course will focus on history and current situation of infectious diseases in the world as well as theoretical basis of infectious disease epidemiology. We will also overview field epidemiology and measures for control and prevention of infectious diseases in Japan including surveillance system.					
<b>[Course Goals]</b>					
(1) To understand the infectious diseases in relation to the history of human being (2) To understand the current situation of infectious disease epidemic, its background and impacts. (3) To understand the biological and theoretical basis for infectious disease transmission (4) To understand the methods involved in field epidemiology (5) To understand the basics of infectious diseases control program in Japan.					
<b>[Course Schedule and Contents]</b>					
Thursday 2nd session					
June 8 History of human being and infectious diseases					
June 15 Infectious disease epidemiology in the world: current situation, background and impacts					
June 22 Global HIV epidemic and society					
June 29 HIV-tainted blood scandal in Japan: Stories of 2 victims *Two victims of HIV-tainted blood scandal will be invited to give talks (in Japanese).					
July 6 Basics of infectious disease epidemiology: Basics concept of transmission and of mathematical modeling of epidemic					
July 13 Field epidemiology-Part 1					
July 20 Field epidemiology-Part 2					
July 27 Infectious disease control programs in Japan					
Continue to 感染症疫学 【領域3】 (2)					

感染症疫学 【領域3】(2)

August 3  
Examination

\*Lectures will be also given by;

- Pilar Suguimoto MD, PhD. Junior Associate Professor, Center for Medical Education Graduate School of Medicine, Kyoto University
- Teeranee Techasrivichien MSc, PhD. Assistant Professor, Department of Global Health and Socio-epidemiology School of Public Health, Kyoto University
- Patou M. Musumari, MD, PhD. Assistant Professor, Department of Global Health and Socio-epidemiology School of Public Health, Kyoto University

**[Class requirement]**

MPH elective but required

**[Method, Point of view, and Attainment levels of Evaluation]**

Attendance 30 %, Exam 70% (To get credit 60% in total will be required)

**[Textbook]**

Not used  
No text book will be used.

**[Reference books, etc.]**

( Reference books )

- (1)Bonita R, Beaglehole R., Kjellström. Basic Epidemiology 2nd edition, WHO, 2006.
- (2)Kramer A, Kretzschmar M, Krickeberg. Modern infectious disease epidemiology: Concepts, methods, mathematical models and public health. Springer, 2010.
- (3)Nelson KE et al. Infectious Disease Epidemiology-Theory and practice. 2nd edition. Jones and Bartlett Publishers, 2007

**[Regarding studies out of class (preparation and review)]**

It is recommended to be familiar with the concept of case-control study design before the class on field epidemiology

( Others (office hour, etc.) )

Room: 1f Seminar room in Science Frontier Laboratory  
TEL:4350

\*Please visit KULASIS to find out about office hours.