

Course title <English>	環境・感染論 Environment and Infection		Affiliated department, Job title, Name	Center for Southeast Asian Studies Professor, NISHIBUCHI MITSUAKI	
Grade allotted	Professional degree students	Number of credits	2	Course offered year/period	2015/Second semester
Day/period	Tue.5	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
I. Course Description					
Students are guided to understand various factors that influence the emergence and spread of infectious diseases of humans, especially those in the environments, and their interactions and association with other factors through this lecture course.					
II. Course Goals and Objectives					
To acquire the ability to analyze various factors, including the natural environments where pathogens persist, man-made environments, and resistance of humans against infection, and to integrate these factors with an ultimate goal to understand infectious diseases from an ecological stand point.					
III. Methods of Instruction					
<ul style="list-style-type: none"> ● Lectures and discussions among a small group including students ● Study tour to a quarantine station 					
[Course Goals]					
To cultivate the attitude toward always maintaining both global and local perspectives (a glocal perspective), a cross-disciplinary analytical ability, and a holistic way of thinking					
[Course Schedule and Contents]					
The following subjects are scheduled (1 to 2 weeks/ subject). Lectures will be given by the instructor (M. Nishibuchi) for subjects 1 to 7. Students shall present topics and all participants will discuss the topics for subject 8. Subject 9 will be studied through a study tour to a quarantine station.					
1. Background information to study infectious diseases					
2. Emerging infectious diseases: the most important infectious diseases in developed countries					
3. Development and infectious diseases in developing countries: a report from a study in Indonesia as an example					
4. Water and health					
5. Pandemic: infectious diseases that spread on a global scale					
6. Infectious diseases at issue					
7. Molecular epidemiological analysis of infectious diseases					
8. Infectious diseases in Japan and foreign countries					
9. Study tour to a quarantine station: an on-site study for prevention of infectious diseases					
Official Examination: none					
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環境・感染論(2)

[Class requirement]

- Lecture may be given in English if English-speaking students are dominant.
- A lecture(s) may be cancelled due to an avoidable reason.
- If the students agree, a part of or all lectures may be arranged so that they are given intensively on a special day(s).

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

Attendance (50%) and oral presentation (50%)

[Textbook]

Not used

Textbook will not be used. The materials necessary for the lecture will be provided by the lecturer.

[Reference books, etc.]

(Reference books)

Marc Gentilini. 1993. Translated into Jap. by T. Shimizu et al. 『Médecine Tropicale』 (Nakayama-Shoten)
(Originally published in French)

Ed. R. L. Guerrant et al. 『Tropical Infectious Diseases 2nd ed.』 (Churchill Livingstone Elsevier) (Highly professionally written books)

Reference books may be borrowed from the instructor; the students do not need to purchase them.

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

A preliminary or follow up study is not always necessary. If there is a request for related information, however, it will be provided upon request.

(Others (office hour, etc.))

Contact informaton:

Mitsuaki Nishibuchi

Tel. Office +81-75-753-7367; Lab +81-75-753-7319, +81-75-761-2700,

Fax. +81-75-753-7319, +81-75-761-2701

e-mail. nisibuti@cseas.kyoto-u.ac.jp

No specific office hour is set; open to inquiry as much as possible

*Please visit KULASIS to find out about office hours.