

授業科目名 <英訳>		環境・感染論 Environment and Infection			担当者所属・ 職名・氏名		東南アジア研究所 教授 西淵 光昭				
配当 学年	専門職	単位数	2	開講年度・ 開講期	2015・ 後期	曜時限	火5	授業 形態	講義	使用 言語	日本語及び英語
<b>[授業の概要・目的]</b>											
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"> <li>● Lectures and discussions among a small group including students</li> <li>● Study tour to a quarantine station</li> </ul>											
<b>[到達目標]</b>											
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											
<b>[授業計画と内容]</b>											
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.											
<ol style="list-style-type: none"> <li>1. Background information to study infectious diseases</li> <li>2. Emerging infectious diseases: the most important infectious diseases in developed countries</li> <li>3. Development and infectious diseases in developing countries: a report from a study in Indonesia as an example</li> <li>4. Water and health</li> <li>5. Pandemic: infectious diseases that spread on a global scale</li> <li>6. Infectious diseases at issue</li> <li>7. Molecular epidemiological analysis of infectious diseases</li> <li>8. Infectious diseases in Japan and foreign countries</li> <li>9. Study tour to a quarantine station: an on-site study for prevention of infectious diseases</li> </ol>											
Official Examination: none											
<b>[履修要件]</b>											
<ul style="list-style-type: none"> <li>● Lecture may be given in English if English-speaking students are dominant.</li> <li>● A lecture(s) may be cancelled due to an avoidable reason.</li> <li>● If the students agree, a part of or all lectures may be arranged so that they are given intensively on a</li> </ul>											
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## 環境・感染論(2)

special day(s).

### [成績評価の方法・観点及び達成度]

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

### [教科書]

使用しない

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

### [参考書等]

#### (参考書)

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.

### [授業外学習（予習・復習）等]

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.

### (その他（オフィスアワー等）)

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

※オフィスアワー実施の有無は、KULASISで確認してください。