

Course title <English>	疫学 I (疫学入門) 【領域1】 Epidemiology I		Affiliated department, Job title, Name	Graduate School of Medicine Professor, NAKAYAMA TAKEO Graduate School of Medicine Professor, SATO TOSIYA Agency for Health, Safety and Environment Professor, KAWAMURA TAKASHI Shiga Medical University, Professor MIURA KATSUYUKI Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology ISHIZAKI TATSURO	
Target year	Professional degree students	Number of credits	1	Course offered year/period	2017/Irregular, First semester
Day/period	金3・4	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
This course is one of the required classes of school of public health. Epidemiology is defined as follows: the study of the distribution and determinants of health-related states or events in specified population, and the application of this study to control of health problems. Epidemiology is regarded as the basis of public health / clinical research and evidence-based practice. This is a scientific discipline that explores the cause, risk factor, prognosis of disease, and related factors. The course comprises systematic lectures on principles and methodologies of epidemiology for beginners.					
[Course Goals]					
<ul style="list-style-type: none"> • Understanding basis concepts and methodologies of epidemiology • Being familiar with terminology of epidemiology. • Being capable of applying epidemiologic methods for clinical practice, research and health policy. 					
[Course Schedule and Contents]					
1 April 14 3rd introduction (1) (NAKAYAMA) 2 April 14 4th introduction (2) (SATO) 3 April 21 3rd cohort study / case-control study (NAKAYAMA) 4 April 28 3rd intervention study (KAWAMURA) 5 April 28 4th follow-up of participants (KAWAMURA) 6 May 12 3rd recent topics on epidemiology (NAKAYAMA) 7 May 12 4th descriptive epidemiology, geriatric epidemiology (ISHIZAKI) 8 May 19 3rd special topic (NAKAYAMA) May 26 3rd Test Special lecture					
[Class requirement]					
None					
[Method, Point of view, and Attainment levels of Evaluation]					
examination 80%, short report for each lecture 20%					
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疫学 I (疫学入門) 【領域1】(2)

[Textbook]

The material necessary for the lecture will be provided by lecturers.

[Reference books, etc.]

(Reference books)

Kawamura T 『Ebidensu wo tsukuru』 (Igaku shoin)

Nakayama T & Tsutani K 『Rinsho kenkyu to ekigaku kenkyu no tameno kokusai rurushu』 (Life science shuppan)

Kosei Tokei Kyokai 『Zusetsu Kokumin Eisei no doko』 (Kosei Tokei Kyokai)

Yano E & Hashimoto H 『Rothman no ekigaku』 (Shinohara shuppan shinsha)

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

Rather than spending more time on your preparation, please put more energy into the review.

(Others (office hour, etc.))

We hope that students will understand the importance and characteristics of epidemiology that examines “ human populations ” .

This course is open to graduate students with the school of human health science.

*Please visit KULASIS to find out about office hours.