

社会健康医学系専攻科目

|   |                               |                          |   |  |                                       |
|---|-------------------------------|--------------------------|---|--|---------------------------------------|
| <b>Course title</b><br><English>  | 疫学 I (疫学入門)<br>Epidemiology I |                          | <b>Affiliated department, Job title, Name</b> | Graduate School of Medicine<br>Professor, NAKAYAMA TAKEO<br>Graduate School of Medicine<br>Professor, SATO TOSIYA<br>Graduate School of Human and Environmental Studies<br>Professor, KAWAMURA TAKASHI<br>Shiga Medical University, Professor<br>MIURA KATSUYUKI<br>Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology<br>ISHIZAKI TATSURO |                                       |
| <b>Grade allotted</b>   | Professional degree students  | <b>Number of credits</b> | 1   | <b>Course offered year/period</b>  | 2015/The first half of first semester |
| <b>Day/period</b>   | Fri.3,4                       | <b>Class style</b>       | Lecture                                       | <b>Language</b>  | Japanese and English                  |
| <b>[Outline and Purpose of the Course]</b>  |                               |                          |   |  |                                       |
| 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. |                               |                          |   |  |                                       |
| <b>[Course Goals]</b>   |                               |                          |   |  |                                       |
| #8226 Understanding basis concepts and methodologies of epidemiology<br>#8226 Being familiar with terminology of epidemiology.<br>#8226 Being capable of applying epidemiologic methods for clinical practice, research and health policy.  |                               |                          |   |  |                                       |
| <b>[Course Schedule and Contents]</b>   |                               |                          |   |  |                                       |
| 1 April 17 3rd introduction (1) (NAKAYAMA)<br>2 April 24 3rd introduction (2) (SATO)<br>3 May 1 3rd cohort study / case-control study (1) (NAKAYAMA)<br>4 May 1 4th cohort study / case-control study (2) (NAKAYAMA)<br>5 May 8 3rd epidemiological indicators (1) (KAWAMURA)<br>6 May 8 4th epidemiological indicators (2) (KAWAMURA)<br>7 May 15 3rd descriptive epidemiology, geriatric epidemiology<br>8 May 15 4th special topic (1)<br>May 22 3rd Test  |                               |                          |   |  |                                       |
| <b>[Class requirement]</b>  |                               |                          |   |  |                                       |
| None  |                               |                          |   |  |                                       |
| <b>[Method, Point of view, and Attainment levels of Evaluation]</b>   |                               |                          |   |  |                                       |
| examination 80%, short report for each lecture 20%  |                               |                          |   |  |                                       |
| <b>[Textbook]</b>   |                               |                          |   |  |                                       |
| Nothing particular  |                               |                          |   |  |                                       |
| Continue to 疫学 I (疫学入門) (2) ↓ ↓ ↓   |                               |                          |   |  |                                       |

**[Reference books, etc.]**

**(Reference books)**

- Nakamura Y 『Kisokara manabu tanoshii Ekigaku』 (Igaku shoin)  
Aoyama H 『Kyono ekigaku』 (Igaku shoin)  
Kawamura T 『Ebidensu wo tsukuru』 (Igaku shoin)  
Nakayama T & Tsutani K 『Rinsho kenkyu to ekigaku kenkyu no tameno kokusai rurushu』 (Life science shuppan)  
Takegami M & Fukuhara S 『Daremo oshietekurenakatta QOL katsuyoho.』 (Kenko iryohyoka kenkyu kikou)  
Kosei Tokei Kyokai 『Zusetsu Kokumin Eisei no doko』 (Kosei Tokei Kyokai)  
Yano E & Hashimoto H 『Rothman no ekigaku』 (Shinohara shuppan shinsha)  
J Last 『A Dictionary of Epidemiology (4th ed)』 (Oxford University Press)  
Rothman & Greenland 『Modern Epidemiology』 (Lippincott-Raven)

**[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” .

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