

Course title <English>	疫学 II (研究デザイン)【領域1】 Epidemiology II		Affiliated department, Job title,Name	Graduate School of Medicine Professor,FUKUHARA SHUNICHI	
Target year	Professional degree students	Number of credits	1	Course offered year/period	2018/The first half of first semester
Day/period	Fri.1	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
The Aim of this course is to learn core competency and practical skills in designing almost all types of projects in the field of SPH, except qualitative research.					
[Course Goals]					
To convert vague questions to structured abstracts. 1)To convert vague questions to answerable and structured research questions (RQ) 2)To understand concepts and how you convert concepts into measurable variables 3)To convert RQ into conceptual model 4)To understand the theory and practice in measuring variables 5)To understand the third factors 6)To understand how you can refine quality of comparison in analytical study					
[Course Schedule and Contents]					
1 April 13 (1st period)Designing research - 7 steps (Fukuhara) 2 April 13 (2nd period)Structuring your research question (Fukuhara) 3 April 20 Causes to undermine the quality of comparison (Fukuma) 4 April 27 Causes to improve the quality of comparison (Fukuma) 5 May 11 (1st period) Designing measurement (Fukuhara) 6 May 11 (2nd period) Index to measure effect(Fukuhara) 7 May 18 Testing a test(Yamamoto) 8 May 25 Examination					
[Class requirement]					
MPH, MCR Required You need to had taken "Epidemiology" or take "Epidemiology ".					
[Method, Point of view, and Attainment levels of Evaluation]					
Attendance 40%, Examination 60%					
[Textbook]					
Instructed during class					
[Reference books, etc.]					
(Reference books) Fukuhara S 『Guidepost for clinical research: Learning study design by 7 steps』 (www.i-hope.jp/					
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疫学 II (研究デザイン) 【領域1】(2)

publication)

Hulley S 『Designing Clinical Research 2nd ed.』 (William & Wilkins)

Fukuhara S 『Conceiving and structuring your research question』 (www.i-hope.jp/publication)

Matsumura S. 『Building conceptual model』 (www.i-hope.jp/publication)

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

- Didactic lectures
- Discussion at each lecture

(Others (office hour, etc.))

- This class is not open to students from Graduate School of Human Health Science.
- April 13, May 11 : Lecture will be held for 1st and 2nd terms.

*Please visit KULASIS to find out about office hours.