

Course title <English>	産業・環境衛生学 【領域3】 Occupational health and environmental health sciences		Affiliated department, Job title, Name	Graduate School of Medicine Professor, KOIZUMI AKIO	
Target year	Professional degree students	Number of credits	1	Course offered year/period	2017/The first half of first semester
Day/period	Thu.2	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
An overview of modern environmental problems and industrial health will be given to provide the basis of the risk assessment of chemicals for human health.					
[Course Goals]					
To have an overview of modern environmental problems and industrial health					
To understand dose-response relationship, LD50, threshold, inter-species difference and basic toxicology					
To acquire skills for risk assessment					
To acquire skills to describe the regulatory strategy to minimize the toxic effects of chemicals					
To predict major metabolism processes for representative chemicals					
[Course Schedule and Contents]					
Course Schedule					
1 Apr 13(Koizumi) Guidance and general principle Environmental Health Sciences					
2 Apr 20 (Koizumi) Climate					
3 Apr 27 (Koizumi) Water pollution					
4 May 11 (Koizumi) Air pollution					
5 May 18 (Koizumi) Occupational health					
6 May 25 (Koizumi) Gene and environment					
7 Jun 1 (Koizumi) Examination					
8 Aug 3 (Koizumi) Additional topic					
[Class requirement]					
Required					
[Method, Point of view, and Attainment levels of Evaluation]					
Attendance and active participation in the lecture 50%					
Examination 50 %					
----- Continue to 産業・環境衛生学 【領域3】(2) -----					

産業・環境衛生学 【領域3】(2)

[Textbook]

Handouts

[Reference books, etc.]

(Reference books)

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

“ Occupational health and environmental health sciences ” , “ Introduction to Toxicology ” , “ Toxicology ” and “ On the Bench Training ” are in series. Those who wish to take “ Toxicology ” and “ On the Bench Training ” should take “ Occupational health and environmental health sciences ” .

(Others (office hour, etc.))

*Please visit KULASIS to find out about office hours.