

Course title <English>	医学基礎 I Basic Medicine I	Affiliated department, Job title,Name	Graduate School of Medicine Professor,KOIZUMI AKIO Part-time Lecturer,HAGIWARA NOBUKO		
Target year	Professional degree students	Number of credits	2	Course offered year/period	2017/First semester
Day/period	Wed.1	Class style	Lecture	Language	Japanese and English
[Outline and Purpose of the Course]					
<p>Director and Instructors: Nobuko Hagiwara (Professor , Kyoto Notre Dame University)</p> <p>This course introduces the basics of human anatomy , physiology , endocrinology , biochemistry , immunology as a basis for the understanding of human diseases.</p>					
[Course Goals]					
<ul style="list-style-type: none"> • To understand the basics of life phenomenon and structures of human body (cells , tissues , organs , organ systems) and understand the importance of body fluid. • To understand the basics of homeostasis and biological rhythm • To understand the endocrine system • To understand the reproductive system • To understand the components of the blood and their functions and the coagulation system • To understand the respiratory system • To understand the mechanism of formation of urine and excretion • To understand the regulation mechanism of the metabolism and body temperature • To understand the defense mechanisms of the body and immunology • To understand nutrition and metabolism 					
[Course Schedule and Contents]					
<p>Course Schedule (* Schedule may be changed)</p> <p>1 April 12 Chap 2 Homeostasis and Biological rhythm 2 April 19 Chap 8 Body Fluid Endocrine system, Introduction 3 April 26 Chap 15 Endocrine system 1 4 May 10 Chap 15 Endocrine system 2 5 May 17 Chap 16 Reproductive system 6 May 24 Chap 7 Blood 7 May 31 Chap 10 Respiratory system Introduction , Respiratory system 1 8 June 7 Chap 10 Respiratory system 2 9 June 14 Chap 13 Urinary system Introduction , Urinary system 1 10 June 21 Chap 13 Urinary system 2 11 June 28 Chap 14 Regulation of body temperature 12 July 5 Chap 9 Biological protection 13 July 12 Chap 10 Digestive system Introduction , Digestive system 1 14 July 19 Chap 10 Digestive system 2</p>					
Continue to 医学基礎 I(2)					

医学基礎 I(2)

15 July 26 Overview (Written examination)

[Class requirement]

First Semester , Required for students without medical background

[Method, Point of view, and Attainment levels of Evaluation]

Attitude 30% , Examination 70%

[Textbook]

Required reading: Please purchase the following textbook before class starts.

・ 佐藤昭夫、佐伯由香編 . 人体の構造と機能 . 医歯薬出版 , 2012

Suggested readings :

・ A.シェフラー、S.シュミット (三木明德、井上覧央訳) . からだの構造と機能 . 西村書店 , 2002

・ 浦野哲盟、窪田隆裕、丸中良典他6名 . 人体生理学 . 朝倉書店 , 2006

・ 小澤静司、福田康一郎総編集、標準生理学 . 医学書院 , 2009

[Reference books, etc.]

(Reference books)

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

Preparation in advance and review after lecture

(Others (office hour, etc.))

Koji Kawakami (Education Committee Chairman; Professor, Department of Pharmacoepidemiology;
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The class is open to students from Graduate School of Human Health Science.

*Please visit KULASIS to find out about office hours.