

Course title <English>	医学基礎 I Basic Medicine I		Affiliated department, Job title, Name	Graduate School of Medicine Professor, FUKUHARA SHUNICHI Part-time Lecturer, HAGIWARA NOBUKO	
Target year	Professional degree students	Number of credits	2	Course offered year/period	2018/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 body temperature • To understand the defense mechanisms of the body and immunology 					
[Course Schedule and Contents]					
<p>Course Schedule (* Schedule may be changed)</p> <p>1 April 11 Chap 2 Homeostasis and Biological rhythm Chap 1 Cell, tissues, organ system</p> <p>2 April 18 Chap 8 Body Fluid, Chap 15 Endocrine system, Introduction</p> <p>3 April 25 Chap 15 Endocrine system 1</p> <p>4 May 2 Chap 15 Endocrine system 2</p> <p>5 May 9 Chap 16 Reproductive system</p> <p>6 May 16 Chap 7 Blood</p> <p>7 May 23 Chap 10 Respiratory system Introduction , Respiratory system 1</p> <p>8 May 30 Chap 10 Respiratory system 2</p> <p>9 June 6 Chap 13 Urinary system Introduction , Urinary system 1</p> <p>10 June 13 Chap 13 Urinary system 2</p> <p>11 June 27 Chap 14 Regulation of body temperature</p> <p>12 July 4 Chap 9 Biological protection</p> <p>13 July 11 Chap 11 Digestive system Introduction , Digestive system 1</p> <p>14 July 18 Chap 11 Digestive system 2</p> <p>15 July 25 Overview (Written examination)</p>					
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医学基礎 I(2)

[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.

・内田さえ・佐伯由香・原田玲子 編著「人体の構造と機能 第4版」 発行年月：2015年1月 医歯薬出版

[Reference books, etc.]

(Reference books)

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
- ・小澤澁司、福田康一郎総編集、標準生理学．医学書院，2014

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

Preparation in advance and review after lecture

(Others (office hour, etc.))

Shunichi Fukuhara (Education Committee Chairman;Professor, Department of Healthcare Epidemiology; fukuhara.shunichi.6m@kyoto-u.ac.jp)

The class is open to students from Graduate School of Human Health Science.

*Please visit KULASIS to find out about office hours.