Module Code	20349012	Course Term
Course Subject Name	Physiology	Spring
Course Tutor	Ka Fai William Tse Miki Nakao	The 4th Semester
Credit	1	Taught Day
Schools	School of Agriculture	
Taught Year	The 2nd year	
Campus	Ito campus	FRI-2
Subject Area	Lecture	
Course Subject Classification	Common Basic Subjects	Friday, 2nd period (10:30-12:00)
Course Requirements		
Course Requirement		
(Pre-requisite)		
Course Outline		
· · · ·	in general physiology through class lectures and problem-ba	sed learning.
key words		
, .	eostasis, respiratory system, urinary system, innate and ada	ptive immunity
Study Objectives (General)		
To introduce the general cocept in physiology, bioanalysis, and immunity		
Study Objectives (Specific) The course aims to achieve the following:		
A. Cardiovascular system		
B. Respriatory system		
C. Urinary system		
D. Bioanalysis		
E. Immunity		
Course Plan		
1. Overview: Homeostasis		
	circulatory system; fetal circulation; hepatic portal circulation	: heart: heart failure: blood.
4-5. Respiratory system: lung; gaseous exchange; hemoglobin; regulatory mechanism; lung failure.		
	nephron; urine formation; glomerular filtration; regulation o	-
8. Mid-term exam.		
	y, the challenges and the requirements	
10. Cell and tissues of the imi		
11-12. Innate immunity and p		
	-	
13-14. Overview of adaptive immunity		
15. Final exam		
Course Approaches	Lecture	
	NIL	
Textbooks	For 9-14: Undergraduate Immunology by Clett Erridge (Only available from Amazon as a Kindle book. Price = 601 yen.)	

Reference Books	Essentials of human anatomy and physiology (Pearson education)	
Study consultation (office hour)	Office: Room 518, Agriculture Building Email: kftse@agr.kyushu-u.ac.jp mikimnakao@kyida.jp (for immunity contents)	
	1. Attendance and class participation/activities: 20% 2. Written report: 30%	
Exams/Results	3. Final exam: 50%	
Evaluation Method		
Others		