

Course number		G-LAS11 80023 LB90					
Course title (and course title in English)		感染症と人類 Infectious disease and human beings		Instructor's name, job title, and department of affiliation		Graduate School of Advanced Integrated Studies in Human Survivability Associate Professor,MIZUMOTO KENJI	
Group		Interdisciplinary Graduate Courses		Field(Classification)		Natural Sciences	
Language of instruction		Japanese and English		Old group		Number of credits 2	
Number of weekly time blocks		1	Class style		Lecture (Face-to-face course)	Year/semesters 2025・First semester	
Days and periods		Thu.2		Target year		Graduate students	Eligible students For all majors
(Students of Graduate School of Advanced Integrated Studies in Human Survivability cannot take this course as liberal arts and general education course. Please register the course with your department.)							
[Overview and purpose of the course]							
<p>本講義では、人類の長い歴史を辿りながら、感染症と人類の深い関わりを、最新のトピック・知見を紹介しながら、疫学の観点から解説する。</p> <p>This course is designed to provide an overview of the long history of humankind and explain the profound relationship between infectious diseases and humankind from the perspective of epidemiology, introducing the latest topics and findings.</p>							
[Course objectives]							
<p>人類と感染症の関りを理解する。</p> <p>Students are expected to understand the relationship between humankind and infectious diseases.</p>							
[Course schedule and contents)]							
<p>1. 概要 感染症と人類 Overview Infectious Diseases and Humanity</p> <p>2. 疫学的転換 Epidemiological Transition</p> <p>3. 疾病交換 Disease exchange</p> <p>4. 感染症の自然史 Natural history of infectious disease</p> <p>5. 医学の発展 History of medicine</p> <p>6. 感染症疫学の誕生 Infectious disease epidemiology</p> <p>7. 疾病構造の変化 Shifts in mortality and disease patterns</p> <p>8. 姿を消す感染症と新興・再興感染症 Disappearing and emerging/reemerging infectious diseases</p> <p>9. One health One health</p> <p>10. 気候変動と感染症 Climate change and infectious diseases</p> <p>11. 薬剤耐性菌</p>							
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感染症と人類(2)

Drug-resistant bacteria

12. マイクロバイオーーム

Microbiome

13. グローバル感染症への対策

Pandemic Preparedness

14-15. 新型コロナウイルス感染症が人類に与えた影響

Effects of Covid-19 on humanity

[Course requirements]

None

[Evaluation methods and policy]

出席と討論、学生発表、ならびにレポートによって行う。

Grading will be based on attendance, discussion, student presentation and reports.

[Textbooks]

Instructed during class

[References, etc.]

(References, etc.)

Introduced during class

[Study outside of class (preparation and review)]

特になし

[Other information (office hours, etc.)]