

Course Coding(科目ナンバー)	Year/Semester/Term(年度・学期)	Faculty Offering Course(時間割所属・時間割コード)	Eligible Student Year(開講年次)	Credits(単位数)	Weekday and Period(曜日・時限)
RDM7-000-81-2	2025whole year	Graduate School of Medical Sciences (26050)	1, 2, 3, 4	1	others
Course Title(Theme)(科目名(講義題目))			Instructor(s)(担当教員)		
Medical Informatics, Emergency and Disaster Medicine (For students admitted in 2023 and later)(Become proficient in Medical Informatics, Emergency and Disaster Medicine)			KASAOKA Shunji, IRIE Hiroki, NAKAMURA Taishi		
Goals with their ratio(学修成果とその割合)					
1.Advanced expert knowledge, skill and research capability ……25% 2.Profound inter-disciplinary knowledge ……25% 3.Global perspective and ability to take initiative action ……25% 4.Social leadership drive ……25%					
Type of Class(授業の形態)		Lecture			
Teaching Method(授業の方法)		E-Learning or face-to-face classes, using PowerPoint and Moodle. Paper reading is also planned.			
Course Goals(授業の目的)		Medical Informatics, Emergency and Disaster Medicine aims to acquire basic knowledge about emergency and disaster medicine, which requires a holistic approach, as well as the correct use of various information in medicine.			
Course Learning goals(学修目標)		【A level (A水準)】 Learn about medical informatics, emergency medicine, and disaster medicine, and be able to explain practical details. 【C level (C水準)】 Learn about medical informatics, emergency medicine, and disaster medicine and be able to explain the main points.			
Course Outline(授業の概要)		In Medical Informatics, students learn about medical information systems and information processing, and information coordination in emergency and disaster situations. In Emergency Medicine, students learn about the emergency medical system and initial trauma care. In Disaster Medicine, students learn about medical response to disasters and how to deal with post-cardiac arrest syndrome.			
Details for Individual Classes(各回の授業内容)					
No.(回)	Date(月日)	Class Theme(授業テーマ)	Brief Outline of Class(内容概略)		
1	06/11	NAKAMURA Taishi Introduction to Medical Informatics [e-L]	Medical Information Systems and Information Processing		
2	06/18	NAKAMURA Taishi Regional Medical Cooperation [e-L]	Community Healthcare Visions and Medical Information Aggregation for Emergency Disaster Situations		
3	06/25	NAKAMURA Taishi Vision 2030 [e-L]	Data-based Health Management Initiatives; KMN and Healthcare DX promotion		
4	07/02	KASAOKA Shunji Post-Cardiac Arrest Syndrome [e-L]	Post-Cardiac Arrest Syndrome, Cardiopulmonary Resuscitation		
5	07/09	KASAOKA Shunji Disaster Medicine 1 [e-L]	Disaster Medicine (General), Triage		
6	07/16	KASAOKA Shunji Disaster Medicine 2 [e-L]	Disaster Medicine (Details), Natural Disasters and Human Damage		
7	07/23	IRIE Hiroki Emergency Medical Care System [e-L]	Activities of Paramedics and the Acceptance System in the Hospital		
8	07/30	IRIE Hiroki Emergency Medicine [e-L]	Initial Trauma Care		
Estimated out-of-class study time		This course requires 45 hours of study, 12 hours of classroom work, and 33 hours worth of pre- and post-work in assignments and other activities to deepen understanding of the course.			
Required Textbook(テキスト)		No particular designation will be made, but materials summarizing the main points of the lecture will be distributed via moodle.			
Reading List(参考文献)		This will be introduced as appropriate during the lecture.			
Enrollment Conditions(履修条件)		Nothing in particular			
Assessment Methods and Criteria(評価方法・基準)		The level of understanding of the matters listed in [Purpose of the class] and the status of E-Learning participation will be comprehensively evaluated based on the students' efforts in the lecture, the Q&A session during the lecture, and a report on the theme to be presented after the lecture, etc.			
Language Used in Instruction(使用言語)		Japanese			
Textbook/Material Language(教科書・資料の言語)		Japanese			
Course Based on Practical Work Experience(実務経験を活かした授業)		Applicable (Teachers with expertise in hospital information systems, emergency medicine, or disaster medicine will give lectures in their areas of responsibility.)			