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)
	2024whole year	Graduate School of Medical Sciences (26020)	1, 2, 3, 4	2	others

Course Title(Theme)(科目名(講義題目))	Instructor(s)(担当教員)
Research Ethics and Biomedical Ethics(Doctoral Course A1・Master's Course A5)	KADOOKA Yasuhiro

Goals with their ratio(学修成果とその割合)
1.Advanced expert knowledge, skill and research capability ‥‥50% 2.Profound inter-disciplinary knowledge ‥‥50%

Type of Class(授業の形態)	Lecture
Teaching Method(授業の方法)	active learning (discussion and presentation) and online learning
Course Goals(授業の目的)	This course aims to support students to have relevant knowledge and practical skills for biomedical ethics in order for graduate research and future career.
Course Learning goals(学修目標)	【A level (A水準)】 to deal with ethical issues in actual settings of biomedical research and medical practice by making interdisciplinary discussion and moral reasoning 【C level (C水準)】 to have basic knowledge for ethical conducts in biomedical research and medical practice
Course Outline(授業の概要)	eAPRIN online program will be adopted to learn basic elements of research ethics. Active leaning methods will be adopted to gain skills for ethical conduct of biomedical research and medical decision-making.

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		Research integrity 1	eAPRIN online program
2		Research integrity 2	eAPRIN online program
3		Research integrity 3	eAPRIN online program
4		Research integrity 4	eAPRIN online program
5		Research ethics 1	eAPRIN online program
6		Research ethics 2	eAPRIN online program
7		Research ethics 3	eAPRIN online program
8		Research ethics 4	eAPRIN online program
9	07/25	4th period Step-up lecture on research ethics 1	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)
10	08/01	4th period Step-up lecture on research ethics 2	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)
11	08/22	4th period Step-up lecture on research ethics 3	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)
12	08/29	4th period Medical ethics 1	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)
13	09/05	4th period Medical ethics 2	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)
14	09/12	4th period Medical ethics 3	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)
15	09/19	4th period Medical ethics 4	Active learning will be held. (The instructor will set a related topic. Students will audit a small lecture, discuss and then make presentation or comment.)

Estimated out-of-class study time	60 hours of self-learning (out-of-class study) is recommended in addition to 30-hours lecture (2hrs X 15 times).
Required Textbook(テキスト)	NA
Reading List(参考文献)	Principles of Biomedical Ethics. Beauchamp TL and Childress JF. OXFORD University Press. Bioethics Briefings. The Hastings Center. https://www.thehastingscenter.org/publications-resources/hastings-center-bioethics-briefings/ Responsible Conduct of Research. Shamoo AE and Resnik DB. OXFORD University Press. The Oxford Textbook of Clinical Research Ethics. Emanuel EJ, Crady C et al eds. OXFORD University Press. Medical Ethics Today. British Medical Association Ethics Department. Wiley-Blackwell. Resolving Ethical Dilemmas A Guide for Clinicians. Lo B. LWW.
Enrollment Conditions(履修条件)	Participating students are recommended to have basic knowledge life-sciences.
Assessment Methods and Criteria(評価方法・基準)	Students are evaluated for their grades and credits based on the course hours completed, understanding of each subject and abilities of discussion and ethical reasoning.
Language Used in Instruction(使用言語)	Japanese and English

Textbook/Material Language(教科書・資料の言語)	Combination of Japanese and English
Course Based on Practical Work Experience(実務経験を活かした授業)	Applicable