

A Master Course	Class Style	Classroom	GM : Compulsory 2 credits	Fiscal year	2020
Course Title	Ethics and Science	Numbering code	GM : GMDMGM1005		
Objectives	Ethics and Science				
Semester	First and second semesters				
Location	Class				
Couse Director	Robert Sloan				
GIO	Students will learn key ethical concepts related to responsible conduct of scientific research				
SBO	In this course we will explore the ethics of science and scientific research. This course will provide a foundation for thinking about and recognizing the ethical dimensions of a variety of issues. Topics will include: misconduct in research, conflicts of interest and scientific objectivity, publication and peer review, intellectual property, and ethical decision making. Students will engage these issues with the help of philosophical tools, apply these tools to case studies, and be challenged to think broadly about the role of scientists in society as well as learn how to critically assess the ethical consequences of science for humankind.				
Outline (90 minutes x 15 lectures)				Instructor	
1	Ethics and Ethical Theory			Robert Sloan	
2	Moral Reasoning				
3	The Scientist in Society				
4	Privacy and Confidentiality				
5	Informed Consent				
6	Subjects in Research				
7	Vulnerable Populations				
8	Experimental Trials				
9	Committee Review and IRB				
10	Scientific Misconduct				
11	Conflict Interest				
12	Intellectual Property and Data Management				
13	Publication and Communication				
14	Ethical Guidelines in Scientific Research in Japan				
15	Presentations				
Teaching Materials	Online resources will be provided.				
Grading Methods	Class participation, quizzes, written assignments, oral presentation, final paper				
Contact	Office hours	By appointment			
	E-mail	<rsloan@m.kufm.kagoshima-u.ac.jp>			