

Course number		G-LAS00 80007 LE20					
Course title (and course title in English)	Research Ethics and Integrity (Life Science)			Instructor's name, job title, and department of affiliation	Institute for Chemical Research Senior Lecturer,MURDEY , Richard James		
	Research Ethics and Integrity (Life Science)						
Group	Common Graduate Courses			Field(Classification)	Social Responsibility and Profitability		
Language of instruction	English			Old group		Number of credits	0.5
Hours	7.5	Class style	Lecture (Media-based course)		Year/semesters	2025 • Intensive, First semester	
Days and periods	Intensive May 31, June 7, 14, from 9:00 a.m. to 12:00 p.m. each day		Target year	Graduate students	Eligible students	For science students	
[Overview and purpose of the course]							
<p>This course guides graduate students on how to act responsibly when performing, presenting, and publishing scientific research. Topics include, data sharing, authorship, misconduct, and the protection of human and animal test subjects. The proper use of research funds is also covered. Representative case studies covering issues in ethics and research integrity are presented and discussed. Lectures are complemented by additional group work and in-class discussion.</p> <p>This course guides graduate students on how to act responsibly when performing, presenting, and publishing scientific research. Topics include data sharing, authorship, intellectual property, conflicts of interest, scientific misconduct, and the protection of human and animal test subjects. Representative case studies covering issues in ethics and research integrity are presented and discussed. The lectures are complemented by additional group work and in-class discussion.</p>							
[Course objectives]							
Over three lectures, graduate students will learn how to make responsible decisions as a researcher working in the field of life science. An e-learning course on research ethics and research integrity will check your understanding.							
[Course schedule and contents)]							
Lecture 1 (3h) Data Handling and Management Collaboration and Authorship Publications and Peer Review Lecture 2 (3h) Scientific Misconduct Human and Animal Testing Ethical Implications of Genetic Testing Lecture 3 (1.5h) Conflicts of Interest The Scientist in Society							
<div style="text-align: right;">Continue to Research Ethics and Integrity (Life Science)(2)</div>							

Research Ethics and Integrity (Life Science)(2)

[Course requirements]

None

[Evaluation methods and policy]

Evaluation is based on attendance and participation. At the end of the course, students must complete the Japan Society for the Promotion of Science e-learning course, " e-Learning Course on Research Ethics ".

* Students have to take the e-Learning course offered by JSPS (Japan Society for Promotion of Science). Association for the Promotion of Research Integrity (APRIN) e-learning courses are NOT available.

[Textbooks]

Not used

[References, etc.]

(References, etc.)

Shamoo, Adil E., and David B. Resnik 『Responsible conduct of research』 (Oxford University Press) ISBN:978-0195368246

『科学の健全な発展のために 誠実な科学者の心得 』 (日本学術振興会) ISBN:978-4621089149 (<https://www.jsps.go.jp/j-kousei/data/rinri.pdf>)

池内 了 訳 『科学者をめざす君たちへ 研究者の責任ある行動とは』 (化学同人) ISBN:978-4759814286

神里彩子、武藤香織 『医学・生命科学の研究倫理ハンドブック』 (東京大学出版会) ISBN:978-4130624138

(Related URL)

<https://www.jsps.go.jp/english/e-kousei/index.html>(JSPS Research Integrity)

<https://ori.hhs.gov/>(The Office of Research Integrity)

[Study outside of class (preparation and review)]

Participation in the "e-Learning Course on Research Ethics" from the Japan Society for the Promotion of Science (JSPS)

[Other information (office hours, etc.)]

【 This course is held online (メディア授業科目) 】