科目ナンバリング	U-LAS00 10022 LE34						
授業科目名<英訳>	Philosophy of Modern Science-E2 Philosophy of Modern Science-E2			担当者所属職名・氏名	アジア・アフリカ地域研究研究科 教授	D'SOUZA, Rohan Ignatious	
群	人文・社会科学科目群	分野(分類)	哲学・思想(基礎)		使用言語	英語	
旧群	A群	単位数	2単位	週コマ数	1コマ	授業形態	講義（対面授業科目）
開講年度・開講期	2025・後期	曜時限	火3	配当学年	全回生	対象学生	全学向

[授業の概要・目的]

This course will introduce students to a growing sub-field termed as the philosophy of science. The central question that will be discussed concerns the lively debates over how science and scientific activity have been sought to be defined . Given the introductory nature of the course, the effort will be to first guide students towards understanding some of the basic philosophical discussions on induction and deduction and realism and anti-realism. Following which, we will survey the conceptual terrain from logical positivism, falsification, paradigm science and methodological anarchism.

[到達目標]

The effort in this course is to help students understand how a focus on definitions can often be philosophically intractable and defy easy conceptualisation. The philosophy of modern science, moreover, will enable students to reflect on how the definitional boundaries between objectivity and subjectivity are fraught. Science, hence, is also open to sociological questioning and is becomes an important domain for enquiry in the social sciences.

[授業計画と内容]

Each class will comprise a 90 minute session; involving a lecture of 60 minutes and followed by a 30 minute interactive discussion in which student participation will also be elicited through either group or individual presentations.
Four themes will be covered in this class and each theme will be covered in three to four weeks.（Total:14 classes and one feedback）
a)Induction and deduction; realism and anti-realism; objectivity and subjectivity
b)Logical Positivism and Karl Popper's 'Problem of Demarcation'
c)Thomas Kuhn's notion of 'normal Science' and the 'paradigm shift'
d)Paul Feyerabend and the notion of being 'Against Method'

[履修要件]

特になし

[成績評価の方法・観点]

There will be a regular cycle of written submissions and feedback through class discussions and The idea is to develop a credible capacity for reading and writing amongst those who take up the course.
Evaluations will be based on two tutorial assignment, with 50% grade for each.

[教科書]

使用しない

[参考書等]

（参考書）
Donald Gillies 『Philosophy of Science in the 20th Century』（Blackwell）ISBN:978-0631183587
Anthony O'Hear 『Karl Popper』（Routledge）ISBN:978-0415084802
Thomas Kuhn 『The Essential Tension』（University of Chicago Press）ISBN:978-0226458069

Philosophy of Modern Science-E2(2)へ続く↓↓↓

Philosophy of Modern Science-E2(2)

Alexander Bird 『Thomas Kuhn』 （Princeton University Press）
Paul Horwich (ed.) 『World Changes』 （MIT Press）ISBN:978-0262581387
Paul Feyerabend 『Killing Time: The Autobiography of Paul Feyerabend』 （University of Chicago Press）ISBN:978-0226245324
Paul Feyerabend 『Against Method』 （Verso; 4th edition ）ISBN:978-1844674428
G. Andersson 『Criticism and the History of Science: Kuhn's, Lakatos's and Feyerabend's Criticisms of Critical Rationalism』 （Leiden: Brill）
C. Hooker and P. Churchland (ed.) 『Images of Science』 （University of Chicago Press）ISBN:978-0226106540
Jarrett Leplin (ed.) 『Scientific Realism』 （University of California Press）ISBN:978-0520051553

（関連ＵＲＬ）

(Relevant sections and chapters from the above books will be assigned as readings for the course. Other reading materials such as articles or short write-ups may be included based on class discussions and interest.)

[授業外学修（予習・復習）等]

Students will be expected to have read at least five pages of pre-assigned reading, at the very minimum, before attending each class.

[その他（オフィスアワー等）]

Students can meet me during office hours with prior appointment.

[主要授業科目（学部・学科名）]