科目ナンバリング										
授業科目 <英訳>	名 Theo Writ	A-E3 ory and Pring and D	actice in S	の基礎と実践(Scientific (Pharmaceutic	担当	当者所属 玄·氏名				
群	キャリア形成科目群 分野(分類)				国際コ	祭コミュニケーション 使				日本語及び英語
旧群	C群	単位数	2単位	週コマ数	1コマ	7 授業形態 演習		【(対面授業科目)		
開講年度・ 開講期	2025 •	前期	曜時限	月4/月5		配当学	:年 2	2 回生以	上対象学	生理系向
[坞类の脚栗・日的]										

[授業の概要・目的]

"Theory and Practice in Scientific Writing and Discussion" will provide students with the basics of scientific English.

Expressions and vocabulary used in scientific texts are different from everyday English. When giving a presentation or a seminar, or writing a report or research manuscript, it is critical to use a well organised and precise language so that the ideas and discoveries are well communicated.

This course is mainly targeted to students who wish to pursue a scientific career, especially in research.

Although learning new vocabulary and grammar is a substantial part of this course, the emphasis will be put on practice.

[到達目標]

To acquire basic knowledge on the structure and vocabulary of scientific English (biology, physics, chemistry).

To be able to build sentences using the vocabulary and grammar they have learned.

To learn English names of common scientific tools.

To be able to accurately describe dimensions and relative positions of objects, scientific equations, chemical reactions and other scientific concepts.

To be able to communicate scientific content in English in a relaxed manner and without hesitation.

[授業計画と内容]

- 1. What is Scientific English? [1 week]
- 2. The basic units and dimensions, numerals, enunciation and comprehension of complex numbers and equations.[2 weeks]
- 3. Chemicals and chemical reactions.[2 weeks]
- 4. Latin and Greek roots of modern scientific English. How to coin novel terms.[2 weeks]
- 5. How to describe the relative position and dimensions of an object, descriptions of movements and force, basic human and animal anatomy.[3 weeks]
- 6. Description of experimental setups and results in biology, chemistry and pharmacology. [2 weeks]
- 7. Listening to a scientific presentation/TV programme and asking questions on its content (2 weeks).

科学コミュニケーションの基礎と実践(薬・英)A -E3(2)
[履修要件]
Students uncomfortable in social interactions in may find this course challenging.
[成績評価の方法・観点]
-Frequent competitive tests during the semester (40%) -Final examination (listening exercises from the textbook) (60%)
[教科書]
Anthony FW FOONG 『総合科学英語』(イメックスジャパン)ISBN:978-4-9900356-7-9
[参考書等]
(参考書) 授業中に紹介する
[授業外学修(予習・復習)等]
Students should review the material by listening to the CD and practicing the exercises from the textbook. nbspThis is important for the final test.
[その他(オフィスアワー等)]
[主要授業科目(学部・学科名)]