

<b>Course number</b>		U-LAS51 10014 SB48					
<b>Course title (and course title in English)</b>	科学コミュニケーションの基礎と実践 (薬・英) A-E3			<b>Instructor's name, job title, and department of affiliation</b>	Graduate School of Pharmaceutical Sciences Associate Professor, Fustin, Jean Michel		
	Theory and Practice in Scientific Writing and Discussion (Pharmaceutical Sciences, English) A-E3						
<b>Group</b>	Career Development		<b>Field(Classification)</b>		International Communication		
<b>Language of instruction</b>	Japanese and English		<b>Old group</b>	Group C		<b>Number of credits</b>	2
<b>Number of weekly time blocks</b>	1	<b>Class style</b>	Seminar (Face-to-face course)		<b>Year/semesters</b>	2025・First semester	
<b>Days and periods</b>	Mon.4/Mon.5		<b>Target year</b>	2nd year students or above		<b>Eligible students</b>	For science students
<b>[Overview and purpose of the course]</b>							
<p>"Theory and Practice in Scientific Writing and Discussion" will provide students with the basics of scientific English.</p> <p>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.</p> <p>This course is mainly targeted to students who wish to pursue a scientific career, especially in research.</p> <p>Although learning new vocabulary and grammar is a substantial part of this course, the emphasis will be put on practice.</p>							
<b>[Course objectives]</b>							
<p>To acquire basic knowledge on the structure and vocabulary of scientific English (biology, physics, chemistry).</p> <p>To be able to build sentences using the vocabulary and grammar they have learned.</p> <p>To learn English names of common scientific tools.</p> <p>To be able to accurately describe dimensions and relative positions of objects, scientific equations, chemical reactions and other scientific concepts.</p> <p>To be able to communicate scientific content in English in a relaxed manner and without hesitation.</p>							
<b>[Course schedule and contents)]</b>							
<p>1. What is Scientific English? [1 week]</p> <p>2. The basic units and dimensions, numerals, enunciation and comprehension of complex numbers and equations.[2 weeks]</p> <p>3. Chemicals and chemical reactions.[2 weeks]</p> <p>4. Latin and Greek roots of modern scientific English. How to coin novel terms.[2 weeks]</p> <p>5. How to describe the relative position and dimensions of an object, descriptions of movements and force, basic human and animal anatomy.[3 weeks]</p> <p>6. Description of experimental setups and results in biology, chemistry and pharmacology.[2 weeks]</p> <p>7. Listening to a scientific presentation/TV programme and asking questions on its content (1 weeks).</p> <p>8. Preparation and practice for the final examination (1 week)</p>							
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**[Course requirements]**

Students uncomfortable in social interactions may find this course challenging.

**[Evaluation methods and policy]**

-Frequent competitive tests during the semester based on the textbook (40%)

-The final examination is a listening comprehension test based on the exercises in the textbook and CD (60%).

**[Textbooks]**

Anthony FW FOONG 『総合科学英語』 ( イメックスジャパン ) ISBN:978-4-9900356-7-9

**[References, etc.]**

( References, etc. )

Introduced during class

**[Study outside of class (preparation and review)]**

Students should review the material by listening to the CD and practicing the exercises from the textbook.

The final test absolutely requires students to self-study the material at home, listening to the CD and making sure that they can do the exercises by themselves.

**[Other information (office hours, etc.)]**

**[Essential courses]**