



## CURSO DE POSTGRADO

### WRITTEN AND ORAL COMMUNICATION SKILLS IN SCIENTIFIC ENGLISH

Nombre Curso

SEMESTRE

1º

AÑO

2022

PROF. ENCARGADO  
COORDINADOR

Lisette Leyton, PhD

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Nombre Completo

Cédula Identidad

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TIPO DE CURSO

Complementario

(Básico, Avanzado, Complementario, Seminarios Bibliográficos, Formación General)

CLASES	...09... HRS.
SEMINARIOS	...09... HRS.
PRUEBAS	.....4.....HRS.
TRABAJOS	...128....HRS.

Nº HORAS PRESENCIALES	22
Nº HORAS NO PRESENCIALES	128
Nº HORAS TOTALES	150

CRÉDITOS

5

(1 Crédito Equivale a 30 Horas Semestrales)

CUPO ALUMNOS

5

(Nº mínimo)

15

(Nº máximo)

PRE-REQUISITOS

Ser alumno del Doctorado en Ciencias Biomédicas o Médicas. Leer y entender Inglés científico. Nivel intermedio de Inglés (B1-B2)

INICIO

22 de Abril 2022

TERMINO

01 de Julio 2022

DIA/HORARIO  
POR SESION

Viernes

DIA / HORARIO  
POR SESION

14:00 a 16:00 hrs.

LUGAR

Zoom Sessions

Escuela De Postgrado (Sala a determinar) u otro lugar

## **METODOLOGÍA**

*Students will be exposed to a series of scientific talks and articles, critique, and abstract writing. Analysis and discussion of style and pronunciation issues and difficulties will follow using a series of exercises and tasks.*

*The course will use a top-down and a bottom-up methodology, allowing students to learn from the examples given for them to produce their own pieces of scientific communication samples.*

*The written and oral tasks will receive feedback by the Professors and the students, so that awareness of most common problems in the production of written and oral scientific English is developed, and communication is thus improved.*

(Clases, Seminarios, Prácticos)

## **EVALUACIÓN (INDICAR % DE CADA EVALUACION)**

Students will be evaluated as follows- a) listening quizzes (15%); b) written critique (20%); c) written abstract (15%); d) preparation and participation in Talks (25%); f) final oral and written exam (25%).

**Attendance to 90% of the evaluated tasks is required to pass the course.**

## **PROFESORES PARTICIPANTES (INDICAR UNIDADES ACADEMICAS)**

### **Centro CEMC y FONDAP ACCDiS-Universidad de Chile**

Dr. Lisette Leyton, Facultad de Medicina,

Dr. Andrew Quest, Facultad de Medicina.

### **Profesores invitados:**

Dr. Miguel O'Ryan, ICBM, Facultad de Medicina, Universidad de Chile

Dr. Vicente Torres, Department of Basic Sciences, Facultad de Odontología,  
Universidad de Chile

Dr. Mariana Cifuentes, INTA, Universidad de Chile

Dr. Brigitte Van Zundert, Center for Biomedical Research, Facultad de Ciencias  
Biológicas and Facultad de Medicina, Universidad Andres Bello

### **Ayudantes Docentes:**

Dr. Octavio Orellana, Postdoctorado, Facultad de Medicina, Universidad de Chile

## DESCRIPCIÓN

The aim of this course is to provide students with the linguistic tools to improve the written and oral communication of their scientific research in English. Emphasis will be on the essential structural patterns for the appropriate writing of scientific related documents such as critiques and abstracts. Also, the course aims at developing some listening skills strategies, which are key to improving the pronunciation of words and expressions that are difficult for Spanish speakers when communicating their research.

The course will be based on real samples of articles, abstracts, and scientific talks given by invited Professors from the Faculty of Medicine and other institutions, whose native language is English or who publish and speak English at an advanced level.

## OBJETIVOS

This is the first of two courses of the English Program for Ph.D. students of the Faculty of Medicine, intended for those that have intermediate English level. It aims to develop and improve English proficiency in students whose native language is not English; in order to help them communicate about the work they perform as scientists. The specific aims are:

1. To give students knowledge about the correct use of English.
2. To practice writing skills at the sentence and paragraph level.
3. To practice oral skills by participating in discussions of scientific English.
4. To practice listening and speaking skills so as to improve communication of scientific research.

## CONTENIDOS/TEMAS

The course will include the following activities:

- Scientific talks given by invited Professors, whose native language is English, or who publish and speak English at an advanced level.
- Listening practice and comprehension.
- Students will learn how to write a critique and an abstract.

## BIBLIOGRAFÍA BÁSICA

1. Principles of Written English. Maggie Sokolik. Wayzgoose Press. 2013
2. Grammar Practice for Upper Intermediate Students with key. Elaine Walker, Steve Elsworth. Pearson Educational Limited 2000.

#### BIBLIOGRAFÍA RECOMENDADA

1. Scott L. Montgomery. *The Chicago Guide to Communicating Science*. The University of Chicago Press, 2003.
2. Dale J. Benos, Kevin L. Kirk, and John E. Hall. How to Review a Paper. *Ad. Physiol. Edu.* 2003; 27: 47-52.
3. Anne E. Green. *Writing Science in Plain English*. The University of Chicago Press, 2013.
1. Barbara J. Hoogenboom And Robert C. Manske. How to Write a Scientific Article. *Int J Sports Phys Ther.* 2012 Oct; 7(5): 512–517.
2. Milivoj Boranic. How to Compose, Write and Publish a Scientific or Professional Communication. *Acta Inform Med.* 2016 Dec; 24(6): 416–418.
3. Jonathan B. Berk, Campbell R. Harvey and David Hirshleifer. How to Write an Effective Referee Report and Improve the Scientific Review Process. *The Journal of Economic Perspectives.* 2017; 31(1): 231-244

## CALENDARIO DE ACTIVIDADES

(A continuación señalar: Descripción de la actividad, fechas, horas presenciales y no presenciales y Profesores a cargo)

FECHA	HORAS PRESENCIALES	HORAS NO PRESENCIALES	DESCRIPCION ACTIVIDAD	PROFESOR
Friday April 22	2	8	Introduction to the Course, flipped classroom & Cornell's Notes video, listening exercise video Participation in seminars Videos: Listening & Cornell's notes Homework: Cornell's note on OT1 (Th 23:59)	Leyton Orellana
Friday April 29	2	10	Oral Task 1. Analysis/discussion of a scientific paper Introduction to critique writing video Discussion Q&A (prior videos) Listening practice 1 Videos: Critique writing Homework: Prepare the first critique draft (Wd 23:59)	Quest Leyton Orellana
Friday May 06	2	10	Discussion Q&A (prior video) Critique writing (session 1) Listening quiz 1 Videos: Grammar & Pronunciation tips Homework: Work on the critique draft (Wd 23:59); Cornell's note on OT2 (Th 23:59)	Leyton Orellana
Friday, May 13	2	12	Oral Task 2. Analysis/discussion of a scientific paper Discussion Q&A (prior video) Critique writing (session 2) Videos: None Homework: Work on the Final Critique writing (Wd 23:59)	Leyton Orellana Torres
Friday, May 20	2	10	Discussion Q&A (prior videos) Introduction to abstract writing video Listening quiz 2 Videos: Abstract Writing Homework: Prepare the first abstract draft (Wd 23:59); prepare for OT3	Leyton
Friday May 27	2	15	Oral Task 3. Analysis/discussion of a scientific paper Discussion Q&A (prior video) Abstract writing (session 1) Videos: none Homework: Work on the abstract draft (Wd 23:59); Submission of Final Critique (Th 23:59)	Leyton Orellana Van Zundert

Friday June 03	2	10	Discussion Q&A Abstract writing (session 2) Listening quiz 3 Videos: none Homework: Work on the Final Abstract writing (Wd 23:59); prepare for OT4	Leyton Orellana
Friday June 10	2	12	Oral Task 4. Analysis/discussion of a scientific paper Discussion Q&A (Final Abstract writing) Listening quiz 4 Videos: none Homework: prepare for OT5	Cifuentes Orellana
Friday June 17	2	15	Oral Task 5. Analysis/discussion of a scientific paper Videos: none Homework: Submission of Final Abstract (Th 23:59);	Orellana O'Ryan
Friday June 24	2	12	Exam preparation Listening quiz 5	Leyton Orellana
July 01	2	14	EXAM	Leyton Orellana