

### Programa de curso

Unidad Académica	:Programa de Biología Celular y Molecular Programa de Biología Celular y Molecular
Nombre del curso	:Habilidades de comunicación escrita y oral en Inglés científico
Nombre en inglés del curso	:WRITTEN AND ORAL COMMUNICATION SKILLS IN SCIENTIFIC ENGLISH
Idioma en que se dicta	:Inglés
Código ucampus	:CCWAOCSSSEN
Versión	:v. 1
Modalidad	:A distancia
Semestre	:1
Año	:2023
Días/Horario	:Vier 14:00-16:00, Jue 14:00-16:00,
Fecha inicio	:21/04/2023
Fecha de término	:23/06/2023
Lugar	:Zoom Sessions
Cupos mínimos	:5
Cupos máximo	:12
Créditos	:5

### Tipo de curso

COMPLEMENTARIO

### Datos de contacto

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### Horas cronológicas

Presenciales:	: 0
A distancia:	: 150

### Tipos de actividades(Horas directas estudiante)

Clases(horas)	: 9
Seminarios (horas):	: 9
Evaluaciones (horas)	: 8
taller/trabajo práctico	: 5
Trabajo/proyecto investigación:	: 10
Créditos	: 5

**PROFESOR ENCARGADO/A DEL CURSO (PEC)**

Leyton Campos Lisette

Docente Participantes	Unidad Academica	Función	Horas directas.	Horas indirectas.	Horas totales
Quest . Andrew Frederick Geoffery	Programa de Biología Celular y Molecular	Profesor Participante	2	6	8
ORyan Gallardo Miguel Luis	Programa de Microbiología y Micología	Profesor Participante	2	6	8
Vicente Torres Gomez	Otra Unidad (Invitado)	Profesor Participante	2	6	8
Mariana Cifuentes	Otra Unidad (Invitado)	Profesor Participante	2	6	8
Brigitte Van Zundert	Invitado Externo	Profesor Participante	2	6	8
Octavio Andrés Orellana Serradell	Programa de Inmunología	Ayudante	30	90	120

**Fundamentos, Antecedentes que justifican la necesidad de dictar el curso**

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.

Observations: the course was evaluated by the students as excellent. No one suggested changes or had problems with the teachers or the learning methodology. Furthermore, many of them appreciated the existence of a course like this one, which provides them with very useful skills for their academic careers. Due to the good comments and appreciations, and the fact that the flipped classroom methodology works very well with an online modality, we have decided to continue with virtual classes.

Improvement plan: The Flipped classroom methodology offers the advantage of giving the students time to watch the video classes as many time as necessary. Therefore, they can process the information at their own rhythm.

**Destinatarios**

Students from the PhD program in Medical or Biomedical Sciences

**Requisitos**

Read and write scientific English. This course is intended for those students that have an intermediate English level (B1-B2 level; TOEFL>55 of 120; IELTS>4.5 of 9)

**Resultado de aprendizaje**

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.

Metodologías de enseñanza y aprendizaje	Cantidad
Clase teórica	9
Seminario	9
Taller	5

Metodologías de evaluación	Cantidad	Duración horas	Ponderación
Prueba teórica	5	5	25.0 %
Control	5	3	15.0 %

Informe, trabajo o proyecto de investigación	2	10	35.0 %
		<b>Suma (Para nota presentación examen)</b>	75.0 %
Nota presentación Examen			75.0 %
Examen			25.0 %
		<b>Total %</b>	100.0 %

**Requisitos de aprobación y asistencia.**

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.

## Unidades

Unidad: Participation in Seminars

Encargado: Leyton Campos Lisette

Logros parciales de aprendizajes:

To practice oral skills by participating in discussions of scientific English.

Acciones Asociadas:

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

Contenidos:

Five Oral tasks managed by the invited Professors: Oral Task 1: Dr M Cifuentes Oral Task 2: Dr. V Torres Oral Task 3: Dr B Van Zundert Oral Task 4: Dr A Quest Oral Task 5: Dr M O`Ryan

## Unidad: Written Task 1

Encargado: Leyton Campos Lisette

Logros parciales de aprendizajes:

1. To teach students structural patterns for the appropriate writing of scientific critiques

2. To practice writing skills at the sentence and paragraph level

Acciones Asociadas:

Learn how to critically read and analyze a paper

Write a structurally designed critique of a paper

Give feedback to the students to improve their critiques

Contenidos:

Three sessions will be dedicated to learn and improve the critique writing

## Unidad: Written Task 2

Encargado: Leyton Campos Lisette

Logros parciales de aprendizajes:

1. To teach students structural patterns for the appropriate writing of scientific Abstract

2. To practice writing skills at the sentence and paragraph level

Acciones Asociadas:

Learn how to write an Abstract Write a structurally designed Abstract of a paper

Give feedback to the students to improve their Abstracts

Contenidos:

Three sessions will be dedicated to learn and improve the Abstract writing

## Unidad: Listening activities

Encargado: Octavio Andrés Orellana Serradell

Logros parciales de aprendizajes:

To practice listening and speaking skills so as to improve communication and comprehension of scientific English.

Acciones Asociadas:

Listen to 5 minute talks

Answer filling the gap

Answer questions concerning the talk

Contenidos:

The course will have two listening practices and 5 listening quizzes

Bibliografía							
Caracter	Título	Autor	Edición	Idioma	Formato	Vínculo(Url)	Fecha de consulta
Obligatorio	The Chicago Guide to Communicating Science	Scott L. Montgomery	1era	Ingles			00/00/0000
Obligatorio	How to Review a Paper	Dale J. Benos, Kevin L. Kirk, and John E. Hall.	1era	Ingles			00/00/0000
Obligatorio	Writing Science in Plain English	Anne E. Green	1era	Ingles			00/00/0000
Obligatorio	How to Write a Scientific Article	Barbara J. Hoogenboom And Robert C. Manske.	1era	Ingles			00/00/0000
Obligatorio	How to Compose, Write and Publish a Scientific or Professional Communication	Milivoj Boranic.	1era	Ingles			00/00/0000
Obligatorio	How to Write an Effective Referee Report and Improve the Scientific Review Process.	Jonathan B. Berk, Campbell R. Harvey and David Hirshleifer	1era	Ingles			00/00/0000

Plan de clases					
Fecha	Horario	Actividad	Condición	Tema	Profesor(es)
2023-04-21,Vier	14:00 - 16:00	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)	Obligatoria	Introduction to the Course	Leyton Campos Lisette;Octavio Andrés Orellana Serradell
2023-04-28,Vier	14:00 - 16:00	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)	Obligatoria	Oral Task 1.	Leyton Campos Lisette;Mariana Cifuentes;Octavio Andrés Orellana Serradell
2023-05-05,Vier	14:00 - 16:00	Discussion Q&A (prior video). Critique writing (session 1). Practice ongoing discussion. Listening quiz 1. Videos: Grammar & Pronunciation tips. Homework: Work on the critique draft (Wd 23:59); Cornell's note on OT2 (Th 23:59)	Obligatoria	Discussion Q&A	Leyton Campos Lisette;Octavio Andrés Orellana Serradell
2023-05-12,Vier	14:00 - 16:00	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)	Obligatoria	Oral Task 2	Leyton Campos Lisette;Octavio Andrés Orellana Serradell ;Vicente Torres Gomez

2023-05-19,Vier	14:00 - 16:00	Introduction to abstract writing video. Practice ongoing discussion. Listening quiz 2. Videos: Abstract Writing. Homework: Prepare the first abstract draft (Wd 23:59); prepare for OT3	Obligatoria	Abstract writing begins	Leyton Campos Lisette;Octavio Andrés Orellana Serradell
2023-05-26,Vier	14:00 - 16:00	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)	Obligatoria	Oral Task 3	Brigitte Van Zundert;Leyton Campos Lisette;Octavio Andrés Orellana Serradell
2023-06-01,Jue	14:00 - 16:00	Abstract writing (session 2). Practice ongoing discussion. Listening quiz 3. Videos: none. Homework: Work on the Final Abstract writing (Wd 23:59); prepare for OT4	Obligatoria	Abstract writing	Leyton Campos Lisette;Octavio Andrés Orellana Serradell
2023-06-09,Vier	14:00 - 16:00	Oral Task 4. Analysis/discussion of a scientific paper. Final Abstract writing session. Listening quiz 4. Videos: none. Homework: prepare for OT5	Obligatoria	Oral Task 4	Leyton Campos Lisette;Octavio Andrés Orellana Serradell ;Quest . Andrew Frederick Geoffery
2023-06-16,Vier	14:00 - 16:00	Oral Task 5. Discussion of a scientific paper. Listening test 5. Exam preparation. Videos: none. Homework: Submission of Final Abstract (Th 23:59)	Obligatoria	Oral Task 5	Leyton Campos Lisette;Octavio Andrés Orellana Serradell ;ORyan Gallardo Miguel Luis
2023-06-23,Vier	14:00 - 16:00	Exam	Obligatoria	Exam	Leyton Campos Lisette;Octavio Andrés Orellana Serradell