

UE Anglais de Discipline

-Licence Biologie, Santé- Parcours BMCP et Biochimie-

-3 ECTS-

Responsables

Karine Massé (Université Bordeaux Segalen)

Sophie Javerzat (Université Bordeaux 1)

Objectives

Develop the comprehension skills in written and oral
expression in order to communicate
(writing and speaking) on a scientific topic

Programm

- Work in a small group (4 students)
- Study a library of diverse documents related to a scientific topic
- Create a powerpoint presentation and present it orally!

No French allowed!

No group switching!

Skills gained

- improved English reading, writing and listening comprehension skills
- The ability to select, organize and prioritize relevant information from scientific documents
- Construction of a written and oral presentation on a scientific topic
- teamwork skills
- Completing a project

Locations and Teachers

Tuesday 8h-9h50

➤ **Group 1** : room 33; A11 (27/03) E. Eshom and J.Lang

Locations and Teachers

Tuesday 10h-11h50

➤ **Group 3** : room 33; A11 (27/03) E. Eshom and J.Lang

Tutorial organization

	TD	Groups1 and 3	Groups 2 and 4
Unit 1	TD1 (week 9/01)	English and Science	English and Science
	TD2 (week 16/01)	Science	Science
	TD3 (week 23/01)	English	Science
	TD4 (week 30/01)	Science	English
	TD5 (week 06/02)	English and Science	English and Science
Unit 2	TD6 (week 13/02)	English	Science
	TD7 (week 20/02)	Science	English
Unit 3	TD8 (week 5/03)	English	Science
	TD9 (week 12/03)	Science	English
	TD10 (presentation)	week 26/03	week 19/03

TD Program

TD	English	Science
TD1	UE Presentation; Repartition into groups	
TD2	What is Imaging; Understanding of the given documents; Subject of the presentation?	
UNIT 1: TD3/4	Reading/speaking/discussion activities related to the topic. Help with understanding, identifying key vocabulary, pronunciation etc.	Which techniques are related to this topic? Are they well understood?
TD5	Science and English	The plan of the presentation. Is it logical? Is something missing?
UNIT 2: TD6/7	Reading/listening and writing task related to the topic. Collecting and sharing information to complete a writing task.	How to present data and figures?
UNIT 3: TD8/9	Getting ready to present: signposting, organisation, pronunciation. Question and answer sessions	The Powerpoint slides? Are they complete? Is the presentation logical? (based on the slides)
TD10	Powerpoint Presentation	

Evaluation

- **Presentation (in groups)**

Mark for the oral presentation, the slides

- **Bonus points** for questions after colleagues presentation

- **Participation and English (all along the Tutorials)**

- **Written mark (during one tutorial)**

The Topic and the documents

IMAGING

DOCUMENTS

The Topic and the documents

IMAGING DOCUMENTS General

The Nobel Prize in Chemistry 2008 -INFORMATION FOR THE PUBLIC. How the Jellyfish's Green Light Revolutionised Bioscience

Fluorescence microscopy. Jeff W Lichtman & José-Angel Conchello. Nature Methods 2005.

Fluorescence microscopy today. Rafael Yuste. Nature Methods 2005.

Transgenic strategies for combinatorial expression of fluorescent proteins in the nervous system. Livet et al., Nature 2007.

<http://www.microscopyu.com/> **Introduction to Fluorescent Proteins**

<http://www.invitrogen.com/site/us/en/home/References/Molecular-Probes-The-Handbook.html>

The Topic and the documents

IMAGING

DOCUMENTS

Specific

Intestinal Crypt Homeostasis Results from Neutral Competition between Symmetrically Dividing Lgr5 Stem Cells. CELL 2010.

If problems, contact details

In priority, the persons in charge:

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The academic team

English team		Science	
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