

# Anglais scientifique et épistémologie des sciences

## Lecturers

Céline KERMISCH (Coordinator), Alexander CORNFORD and Hugh MURPHY

## Course mnemonic

BING-F3004

## ECTS credits

5 credits

## Language(s) of instruction

English

## Course period

First and second terms

## Campus

Solbosch

## Course content

### Academic English module (course given in English, 2 ECTS):

- > Lexico-grammatical resources specific to academic English relevant to the domain of study, and to discussing work and communication in teams.
- > Phonological system of English
- > Intermediate-advanced grammar

## Objectives (and/or specific learning outcomes)

### Academic English module:

This module targets, as a minimum, a level B1+ according to the Common European Framework of Reference for Languages, for spoken language competence.

By the end of this module, the student will be able to define, explain, and justify the theoretical bases and methodological procedures of a research project (BING-F406, research project module) carried out in a team.

## Pre-requisites and co-requisites

### Pre-requisites courses

LANG-F201 | Anglais scientifique | 5 crédits and PHYS-H101 | Connaissances fondamentales et éléments de physique | 10 crédits

### Co-requisites courses

BING-F406 | Gestion de projet et projet de recherche | 5 crédits

## Course having this one as co-requisit

BING-F406 | Gestion de projet et projet de recherche | 5 crédits

## Required knowledge and skills

none

## Teaching method and learning activities

### > Academic English module:

Language exercises, spoken language practice (24h, 2 ECTS). Students discuss in small groups aspects of their motivation for, subject of, and progress on the methodology of the research project (BING-F406), as well as the value of the project and their bioengineering studies in more general societal terms. Written language exercises help students to master grammar and vocabulary necessary to communicate accurately and clearly

## References, bibliography and recommended reading

### > Academic English module:

Recommended:

Advanced Grammar in Use Book with Answers and Interactive eBook. Martin Hewings, Cambridge University Press, 2015.

English Grammar in Use with Answers and Interactive eBook: Self Study Reference and Practice Book for Intermediate Learners of English. Raymond Murphy, Cambridge University Press, 2019.

If extra support is needed, remedial courses of English are offered free to ULB students by *F9 Languages in Brussels* asbl. The courses may also be offered online. Site web: <http://www.f9languages.eu>

## Course notes

Université virtuelle

## Other information

### Place(s) of teaching

Solbosch

### Contact(s)

**Academic English** : Hugh MURPHY, [hugh.murphy@ulb.be](mailto:hugh.murphy@ulb.be)

Check your emails for announcements from teachers on the Virtual university

## Evaluation method(s)

Oral examination

### Evaluation method(s) (additional information)

> **Academic English module** :

Oral examination : individual interview (100% for this module) on a research project (BING-F406, research project module).

### Determination of the mark (including the weighting of partial marks)

Each module of the Teaching Unit is evaluated separately. The final mark for BING-F3004 is a weighted geometric mean of the marks obtained for each module (anglais scientifique 2 ECTS, épistémologie des sciences 3 ECTS). The student passes the teaching Unit when a final mark of 10/20 is obtained. If the student obtains a final mark of less than 10/20, but passes one of the modules with 10/20 or more, the pass mark for one module can be carried over to a later session.

### Main language(s) of evaluation

English

### Programmes

#### Programmes proposing this course at the faculty of Sciences

BA-IRBI | Bachelor in Bioengineering | unit 3

#### Programmes proposing this course at the Brussels School of Engineering

BA-IRBI | Bachelor in Bioengineering | unit 3

