

## Scientific Reading, Writing and Presentation Skills (I001891)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)  
Credits 3.0 Study time 90 h Contact hrs 30.0 h

### Course offerings and teaching methods in academic year 2020-2021

A (semester 2)	English	Gent	self-reliant study activities	16.25 h
			guided self-study	3.75 h
			lecture	3.75 h
			seminar	1.25 h
			seminar: coached	5.0 h
			exercises	

### Lecturers in academic year 2020-2021

Kolsteren, Patrick LA23 lecturer-in-charge

### Offered in the following programmes in 2020-2021

	crdts	offering
<a href="#">Master of Science in Nutrition and Rural Development</a>	3	A
<a href="#">Exchange Programme in Bioscience Engineering: Food Science and Nutrition (master's level)</a>	3	A

### Teaching languages

English

### Keywords

Scientific literature, paper, presentation, skills, references

### Position of the course

The objective of this course is to learn students how to find and assess scientific literature, how to elaborate a paper/document in a scientific way and how to present and discuss this paper/document. The course wants to combine insight in content on temporary issues in the matter related to public health nutrition and nutrition security with development of scientific communication skills.

### Contents

The course consists mainly of the development by the student of a document presenting their Master's Dissertation proposal. Based on existing literature, the student is expected to develop a discussion paper on his/her future Master's Dissertation Research, to present discuss this paper with his fellow students, Future Promoter and tutor and the Director of the main subject he/she is following. Students are also expected to peer review the presentations of their colleagues.

In order to be introduced in how to find literature, write a paper and present it, (video) materials will be made available and an introductory class given on following topics

- 1 Introduction to research: Defining a research proposal
- 2 Reading
  - structure of scientific literature
  - use of scientific databases
- 3 Writing
  - structure of a paper
  - lay-out
  - table and figures
  - referencing: in the text and in a reference list - use of end-note / reference manager
- 4 Writing clinic
- 5 Presenting
  - structure of a presentation

- lay-out
- discussion: guidelines for formulation of and answering questions

The contact hours will be used mainly for presentations and discussion of the papers/documents

#### Initial competences

Basic skills in computer use; Internet search , word processor.

#### Final competences

- 1 Find scientific literature using library search tools.
- 2 Distinguish different types of scientific literature (peer reviewed, working papers, reports) and evaluate their degree of evidence contribution.
- 3 Produce a written research proposal in a structured way, using appropriate referencing.

#### Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

#### Conditions for exam contract

This course unit cannot be taken via an exam contract

#### Teaching methods

Guided self-study, lecture, seminar, self-reliant study activities, seminar: coached exercises

#### Extra information on the teaching methods

Within the lecture, the major rules of scientific communication are given (through video), but the focus of the teaching methods is on the independent guided self-study of the work in which they look for literature and the elaboration of a research paper. This paper will also be presented and discussed.

#### Learning materials and price

Material will be made available through Minerva. Estimated price of copies 15 euro

#### References

#### Course content-related study coaching

Interactive support through Minerva, specific coaching on appointment with future promoter(s) and their tutor(s)

#### Evaluation methods

continuous assessment

#### Examination methods in case of periodic evaluation during the first examination period

#### Examination methods in case of periodic evaluation during the second examination period

#### Examination methods in case of permanent evaluation

Participation, assignment, skills test, report

#### Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

#### Extra information on the examination methods

The evaluation is based on an article like paper of +/-3000 words concerning their Master's Dissertation Research proposal using the skills taught in class. The article is presented during 15 minutes and discussed after a discussion opening by a fellow student for about 15 minutes. The paper will be evaluated based on content, structure, presentation and discussion, including also their active participation to the other discussions.

#### Calculation of the examination mark

Assignments: 100%

Students who eschew period non-period aligned evaluations for this course unit may be failed by the examiner.