

# Communication scientifique

## Lecturers

Anezka Smejkalova (Coordinator) and Fabienne Chetail

## Course mnemonic

PSYC-E459

## ECTS credits

5 credits

## Language(s) of instruction

French

## Course period

First term

## Course content

If the goal of science is to contribute to our understanding of the world, the goal of scientific communication is to transmit this understanding with precision and concision. The purpose of a course in scientific communication is (1) to inform students about the technical aspects and practices of various channels of scientific communication (articles, oral presentations and poster sessions, the different stages of scientific publication, assessment measures of publications and journals...) and (2) to develop their skills as a writer (and reader and editor) of scientific articles. Through collaborative work with peers and teacher, the course should enable the students to lay the foundations of an efficient scientific communication as a future independent researcher.

## Objectives (and/or specific learning outcomes)

At the end of the course, students should: Understand the usual components of a scientific article (title, abstract, introduction, methods, results, discussion / conclusion, tables and graphs). Understand the writing process applied to scientific communication (issues relating to style, clarity, accuracy, the logical sequence of ideas and arguments, the selection and preparation of illustrations, ...) Understand issues related to scientific communication (problem of assessing publications, journals, and researchers ...) Use the concepts studied during the course in their research activities (scientific communication, but also finding and archiving information)

## Teaching method and learning activities

Lectures

## References, bibliography and recommended reading

Alley, Michael. *The Craft of Scientific Writing*. New York, NY: Springer, 1996. ISBN: 0387947663. Paradis, James G. and Muriel L. Zimmerman. *The MIT Guide to Science and Engineering Communication*. Cambridge, MA: MIT Press, 2002. ISBN: 0262661276. Tufte, Edward. *The Visual Display of quantitative Information*. Graphics Press, 2001. ISBN: 0961392142.

## Other information

### Contact(s)

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## Evaluation method(s)

Other

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

The course evaluation will be based on an essay that must take the form of a scientific article.

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

The evaluation is only based on the essay.

### Main language(s) of evaluation

French and English

## Programmes

Programmes proposing this course at the faculty of Psychology, Educational Sciences and Speech and Language therapy

MA-EDUC | **Master in Education** | finalité Research/unit 1 and finalité Research/unit 2 and MA-PSYC | **Master in Psychology** | finalité Research/unit 1