lfsa3010
2023

Principles of Scientific Communication

3.00 credits	30.0 h + 30.0 h	Q2

Teacher(s)	Deville Yves ;Gonze Xavier ;Verleysen Michel ;
Language :	English > French-friendly
Place of the course	Louvain-la-Neuve
Main themes	This formation is scheduled on seven half-day modules, covering the following topics: - Organisation and life cycle of a scientific paper - Principles of technical writing - Technical English - Workshop on technical writing - Principles of oral communication in English - Workshop on oral communication in English The workshops require an active participation and deal with " the materials " brought by the participants. These materials can either be scientific articles (accepted for publication, refused, submitted or in preparation) or activity report, PhD research proposal
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 This PhD-level course is intended to help the participants improving the quality of their documents and talks, and the impact and dissemination of their research results. The course will be organized in half day modules covering the following themes: 1) Writing scientific papers 2) Reviewing scientific papers 3) Useful software tools 4) Technical talks 5) Ethical issues in publication 6) Designing Posters Most modules will be interactive, and will necessitate some (mandatory) personal work between the modules.
Evaluation methods	Most modules will be interactive, and will necessitate some (mandatory) personal work between the modules. This is is PhD-level course, no rating is provided, but a certificate of participation is delivered. Active participation to the sessions as well as active personal work is requested for the certificate of participation to be delivered.
Teaching methods	Presentations by the teachers as well as by the students, in-class discussions, on-line reviewing and discussions.
Content	Writing scientific papers (General principles, improving paper structure, improving paper clarity, improving style ; homework) Reviewing scientific papers (Publication life cycle, steps, revising ; homework) Useful software tools (English software tools, bibliography software tools) Technical talks (Basics in oral communication, talk structure, talk support, oral presentation, quanstions and answers, practicing the talk; interactive session) Ethical issues in publication (Case studies, homework; interactive session) Designing Posters (Basics, layout, text, colour, figures …, interactive session)
Inline resources	Moodle : https://moodleucl.uclouvain.be/course/view.php?id=521
Faculty or entity in charge	EPL