Module Name Scientific Writing

Identification Number	Workload	Credit Points	Term	Offered Every	Start	Duration
MN-BC-SW	180 h	6 CP	1st-3rd term	Winter term	27.02.2023	5 weeks

1	Course Types	Contact Time	Private Study	Planned Group Size*
	a) Lectures	10 h	50 h	max. 30
	b) Seminar	30 h	50 h	max. 30
	c) Exercise	10 h	30 h	max. 30

2 Module Objectives and Skills to be Acquired

Students who successfully completed this module …

- Develop a strategic approach to writing
- Hone a succinct, clear, and interesting writing style
- Understand and employ scientific standards
- Craft clear figures and graphics
- Employ advanced features of text and graphics software

3 Module Content

- Features of the English language and style
- Principles of text planning, organization, and composition
- Scientific publication types
- Text software from editors to layout including referencing databases
- Graphics software for bitmaps, vector graphics, and scientific image data
- Analysis of pieces of excellent scientific writing

4 Teaching Methods

- Software demonstrations and tutorials
- Language exercises online and in self-study
- Writing exercises, Sample graphic design
- Peer review

5 Prerequisites (for the Module)

Good written English, good text software skills, basic knowledge of graphics software

6 Type of Examination

Written project with self-made figures (100 % of the total module mark)

7 Credits Awarded

Essay at least sufficient.

8 Compatibility with other Curricula

Will be considered on an individual basis depending on availability; master and predoctoral students.

9 Proportion of Final Grade

5%

10 Module Coordinator

Dr. Jakob Suckale, phone 470-3536, e-mail: jsuckale@uni-koeln.de

11	**Further Information** Material and details regarding the course will be provided via an accompanying ILIAS course online. The course will take place as an intensive workshop from 27 Feb to 3 Mar 2023 in seminar room 493 (4th floor, Biochemistry Institute) followed by a writing period, submission of an essay no later than 31 Mar, and feedback to it.