

MARUM / GLOMAR Basic Skills and Methods Course

Scientific Writing for Natural Scientists

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December 2020

see below for dates

Objectives

This scientific writing course is designed to: 1) give an understanding of the requirements for the publication of a scientific paper or abstract in the scientific press and, 2) to give practice in developing the writing skills to meet these requirements.

It is aimed at doctoral students who are ready to begin, or who are currently working on, a doctoral dissertation and provides a framework for integrating your writing within the accepted scientific genres.

The course consists of interactive lectures, exercises in writing and group discussion sessions ending with a critical review of selected papers/abstracts. It also provides you with an opportunity to discuss, present and review your own work within the context of your discipline through written English. Part 6 of the course is an individual coaching session offered by the lecturer to each participant approx. 2 weeks after the course. The coaching session provides an opportunity to discuss e.g. a paper or an abstract you have written.

After completing the course, the expectations are that students should be able to prepare a 300-word summary of a research project in accurate, fluent English and organize and prepare a scientific paper according to international standards.

Topics

- “Rule of Thumb” for writing Scientific Articles - interactive lectures on the requirements of papers and how to write them.
- Choosing the right audience and journal
- Focus on Abstracts and Summaries -practical exercises in writing abstracts, titles, objectives and conclusions incl. writing an abstract/summary of participant's own project
- Describing Methodology
- Illustrating your writing -presenting data in tables and figures.
- Correct referencing – avoiding plagiarism
- Preparation of a list of references in the required style for publication
- Preparation of a short article
- Group discussions on what makes a good (and bad) paper/ abstract

Target group

Early career researchers who are currently writing or who are about to start writing a scientific paper

Format

The course will be given online via zoom. Participants need a laptop or desktop computer incl. video conferencing tools (webcam, speaker/headphone) and a good internet connection. Access to the online learning platform will be provided before the start of the course. **Participants are expected to turn on their cameras for the full duration of the course.** Please sign up only, if you agree to show yourself to the others. If you encounter technical problems, please contact us.

Schedule

Part 1	2 December 2020	09.00 – 12.30 hrs.
Part 2	4 December 2020	
Part 3	9 December 2020	
Part 4	11 December 2020	
Part 5	16 December 2020	
Part 6	Individual coaching sessions	45 mins. per person

Preparation

To prepare for the course, the lecturer asks you to bring the following:

- (1) An abstract about your research (from a paper in preparation, a poster or similar)
- (2) A scientific paper from your field which you find interesting

Registration

To register for this course, please visit the course web page:
<https://www.marum.de/en/education-career/2020-12-02.html>

Please note that your registration will be binding.

The registration deadline for this course is **25 November 2020**.

Any enquiries regarding the course should be addressed to early-career@marum.de.