

Online course

Argumentation in Scientific Writing

Target group	Undergraduate students
Course description	Students have to write a longer paper to finish their B.A. or M.A. degree. For students in many disciplines this is the first time they have to write a paper at all, and very often they do not receive any training neither for writing nor for scientific argumentation. This course provides students with all the techniques they need to know in order to state their arguments precisely, correctly and convincingly. The course starts with the basic concepts of reasoning and logic: validity and soundness of arguments, deductive and inductive reasoning, common types of logical inferences. From these basics we derive useful techniques for argumentation in scientific texts. Throughout the course participants get the chance to apply the acquired skills directly to their own topics, to get feedback on already existing manuscripts, and to produce new texts for their papers.
Contents	<ul style="list-style-type: none">• basic concepts of logic• deductive vs inductive arguments• basic argument-patterns• tips for stating arguments in texts• revising participants' manuscripts• reconstructing arguments from texts
Objectives	The participants... <ul style="list-style-type: none">• state their arguments in a precise and logically coherent way• learn to quickly identify strengths and weaknesses of arguments• write accessible texts
Methods	The course is interactive throughout. It includes extensive exercises that aim at the application of the acquired skills to the participants' work. Participants can bring existing manuscripts to the course and get the chance to edit them with the help of feedback from other participants and the trainer.
Duration	2 days, 9 a.m. – 3 p.m. plus individual discussions after the course
Group size	In consultation

In-house course

Argumentation in Scientific Writing

Target group	Undergraduate students
Course description	Students have to write a longer paper to finish their B.A. or M.A. degree. For students in many disciplines this is the first time they have to write a paper at all, and very often they do not receive any training neither for writing nor for scientific argumentation. This course provides students with all the techniques they need to know in order to state their arguments precisely, correctly and convincingly. The course starts with the basic concepts of reasoning and logic: validity and soundness of arguments, deductive and inductive reasoning, common types of logical inferences. From these basics we derive useful techniques for argumentation in scientific texts. Throughout the course participants get the chance to apply the acquired skills directly to their own topics, to get feedback on already existing manuscripts, and to produce new texts for their papers.
Contents	<ul style="list-style-type: none">• basic concepts of logic• deductive vs inductive arguments• basic argument-patterns• tips for stating arguments in texts• revising participants' manuscripts• reconstructing arguments from texts
Objectives	The participants... <ul style="list-style-type: none">• state their arguments in a precise and logically coherent way• learn to quickly identify strengths and weaknesses of arguments• write accessible texts
Methods	The course is interactive throughout. It includes extensive exercises that aim at the application of the acquired skills to the participants' work. Participants can bring existing manuscripts to the course and get the chance to edit them with the help of feedback from other participants and the trainer.
Duration	2 days, 9 a.m. – 5 p.m.
Group size	In consultation