Scientific Writing

Winter

(in German: Scientific Writing)

Module-ID: FIN-INF-120511

Abbreviation	Credit Points	Semester	Term	Duration	Language	Level
SciWri	6	Winter	starting at 1.	1 Semester	english	Master

Link:	LSF
Limited accessability:	true
Responsibility:	PD Dr. Claudia Krull
Lecturer:	Temitope Ibidunni Akinloye
Classes:	Seminar *Scientific Writing*
Applicability in curriculum:	- M.Sc. INF: Schlüssel- und Methodenkompetenzen - M.Sc. INF: Schlüssel- und Methodenkompetenz (SPO 2027) - M.Sc. INGINF: Schlüssel- und Methodenkompetenzen - M.Sc. WIF: Schlüssel- und Methodenkompetenzen - M.Sc. WIF: Schlüssel- und Methodenkompetenz (SPO 2027) - M.Sc. DKE: Applied Data Science - M.Sc. DE: Human Factors - M.Sc. DE: Fachliche Spezialisierung - M.Sc. DE: Schlüssel- und Methodenkompetenz (SPO 2027) - M.Sc. VC: Schlüssel- und Methodenkompetenzen - M.Sc. VC: Schlüssel- und Methodenkompetenz (SPO 2027)

Intended learning outcomes:

- Students are able to conduct a literature research in order to gain an overview of an area of interest.

- Students can identify open research questions based on a literature research.
- Students are able to identify and formulate research hypothesis
- Students understand how a scientific publication is structured, can read it and extract the important information.
- Students are able to write a research proposal on a selected topic in the form of a scientific publication.
- Students are able to identify and select possible solution methods for a scientific question.
- Students are able to prepare a presentation to explain and defend their research proposal.
- Students understand how to present a research topic proposal on a selected topic.
- Students are able to evaluate the quality of others scientific work

Content:

- Literature citation and paraphrasing
- Presentations Review scientific articles
- Argument formation
- Knowledge and application of academic writing styles
- Peer review assessment

Workload:

- 28h Seminar
- 152h independent work

Pre-examination requirements:	Type of examination:	Teaching method / lecture hours per week (SWS):
participation in all classes completion of assignments keeping all deadlines	Seminar paper (Paper + Reviews) Presentation	Seminar (2 SWS)

Prerequisites according to examination regulations:	Recommended prerequisites:
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Media:	Literature:

Comments:
participation is limited to 40

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