

**Syllabus**  
SIC 5101 Scientific writing and Literature research  
**Hanno Beck**  
**Summer Semester 2024**

<b>Level</b>	Master	
<b>Credits</b>	1	
<b>Student Contact Hours</b>	15 (45 Min. each)	
<b>Workload</b>	30 hours	
<b>Prerequisites</b>	None	
<b>Time</b>	See time-table	
<b>Room</b>	W4.1.06, W2.3.01	
<b>Start Date</b>	March, 12th 2024	
<b>Lecturer(s)</b>	<b>Name</b>	Hanno Beck
	<b>Office</b>	W4.01.5
	<b>Virtual Office</b>	<a href="#">Internet-Office Beck</a>
	<b>Office Hours</b>	Wednesday, 13:45 – 15:15
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## Summary

### Overview (catalog description):

Topic of this course is scientific writing.

### Prerequisites:

You should have knowledge of basic economic ideas; **please if possible bring your laptop with you.**

### Learning Objectives:

By the end of the course students

- are able to write a paper that meets requirements for a scientific paper, a thesis or a term paper
- are able to search and find important scientific sources for their research
- Know how to break down a complex topic into a well-arranged structure

### Course Topics:

- Literature research: strategies, sources
- Software: Citavi
- Mindmapping
- Metaplan analysis
- Rules for writing and citation
- plagiarism

## Course Intended Learning Outcomes and their Contribution to Program Intended Learning Outcomes / Program Goals

Program Intended Learning Outcomes		Course Intended Learning Outcomes	Assessment Methods	
	After completion of the program the students will be able...	After completion of the course the students will be able...	Presentation	
			100%	
			Collective	
2	Digital Skills			
2.4	...to handle the professional use of digital technologies in a responsible manner.	To use software and search engines for searching economic literature and data	x	
3	Critical Thinking and Analytical Competence			
3.1	...to implement adequate methods in a competent manner and to apply them to complex problems.	Use techniques to structure complex topics, e.g. Metaplan technique	x	
3.2	...to critically reflect and interpret findings and to develop comprehensive solutions for complex problems.		x	
5	Communication and Collaboration Skills			
5.1	...to express complex issues effectively in writing.	To write a term paper, report, expertise or survey	x	
5.2	...to demonstrate their oral communication skills in presentations.	To give a presentation on any topic	x	
5.3	...to work successfully in a team by performing practical tasks.	To craft a term paper or report together with a team	x	

## Teaching and learning approach:

The goal of the academic paper is the advancement of knowledge. Students shall be enabled to write an academic paper that presents current knowledge on its topic documented through the use of properly cited existing scholarly works from which further developments can be derived.

## Literature and Course Materials

Pforzheim Business School (URL): **The Business School Guidelines for Preparation of Business and Legal Academic Papers**; ([http://www.hs-pforzheim.de/De-de/Wirtschaft-und-Recht/Studienuebergreifende-Fachgebiete/Volkswirtschaftslehre/Studium/Wissenschaftliches\\_Arbeiten/Documents/FormaleGestaltungEndfassungEnglisch3.pdf](http://www.hs-pforzheim.de/De-de/Wirtschaft-und-Recht/Studienuebergreifende-Fachgebiete/Volkswirtschaftslehre/Studium/Wissenschaftliches_Arbeiten/Documents/FormaleGestaltungEndfassungEnglisch3.pdf))

American Psychological Association: **Publication Manual of the American Psychological Association**. 5th ed., APA, Washington 2006 (<http://www.lib.monash.edu.au/tutorials/citing/apa-a4.pdf>)

## Tentative Schedule

Time	Subject, exercises
March 12; 11:30 – 15:15	<b>Getting started:</b> What is science; search techniques, sources for Economists
March 12; 11:30 – 15:15	<b>Exercises:</b> searching economic data and literature; searching literature for an assigned topic  Presentation and discussion
March 14; 9:45 – 15:15	<b>How to structure a paper:</b> guidelines; argument maps; metaplan analysis
March 14; 9:45 – 15:15	<b>Exercises:</b> <i>crafting a structure for your assigned topic; search further literature, using citavi</i>  <i>Presentation and discussion</i>
April 25; 08:00 – 11:15	<b>From the outline to the paper:</b> table of contents; some rules for writing, how to cite; rules for citing in scientific papers; plagiarism, presentation techniques
	Final presentations