

## Guidelines for the use of chat bots and artificial intelligence<sup>1</sup>

### 1. Artificial intelligence in academia

Language models based on artificial intelligence (AI) can be useful tools for scientific work, academic studies and research. They can assist with brainstorming and gaining an overview of topics of interest, the initial structuring of scientific reports and papers, and the creation of summaries. They can also help with corrections, expression assistance and translations to improve the clarity, comprehensibility and completeness of scientific work. However, using AI-based language models and chatbots requires careful examination of the logic, context, facts and source fidelity of the output text, and therefore a certain level of user expertise is needed to evaluate the AI output. Using AI does not release any user from responsibility for the content if the AI output is used in scientific writing. **Students using AI-generated text and content must document and disclose the contribution of AI to their scientific work (reports, theses, etc.) in accordance with the guidelines below.**

### 2. Guidelines for the use of chat bots and artificial intelligence in scientific reports and theses

The use of generative text models is permitted within the study programme under the following conditions, unless expressly prohibited by the module coordinators:

The thesis or report must include a '**Declaration of Generative AI and AI-Assisted Technologies in the Writing Process**'. This document must include a complete list of the tools used. It must also clearly explain how the tools were used. This does not involve documenting the exact chat history, but rather the general procedure. Examples could include:

- 'Tool X' was used to improve the clarity, grammar, and style of the English text for the thesis.
- 'Tool Y' was used to summarize the state of the art on [topic] in the introduction.
- 'Tool Z' was used for optimizing the code presented in chapter ???.
- 'Tool X' was used to create a first draft of the summary. I then modified and refined this draft.

References provided by AI tools must be critically reviewed. If the cited literature cannot be found and verified despite reasonable efforts being made, the reference and content statement cannot be used.

When using AI tools, you remain fully responsible for the accuracy, appropriateness, structure and originality of your argumentation, statements, translations, citations and references.

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<sup>1</sup> By Prof. Sebastian Krastel; DeepL was used to improve the clarity, grammar, and style of the guidelines

The declaration must end with the following statement: **'After using these tools, I carefully reviewed and edited the content as needed, taking full responsibility for the final version of the thesis/report.'**

Failure to disclose the use of AI tools as described above is considered fraud and/or plagiarism.

### **3. Useful weblinks**

Information on the use of AI at Kiel University:

<https://www.digitale-lehre.uni-kiel.de/de/ki-anwendungen-pruefungen> (German only)

DFG Guidelines for Dealing with Generative Models for Text and Image Creation:

<https://www.dfg.de/en/news/news-topics/announcements-proposals/2023/info-wissenschaft-23-72>

Learning platform for artificial intelligence:

<https://ki-campus.org/front?locale=en> and <https://www.vkkiwa.de/> (German only)