

<b>Georg-August-Universität Göttingen</b> <b>Module SK.IT.22-EN: Using AI Tools in Academic Contexts</b>	3 C 2 WLH
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<p><b>Learning outcome, core skills:</b></p> <p>The use of generative artificial intelligence (AI) has arrived in everyday academic life and raises questions concerning both the scientifically correct use and the impact it has on academic professions.</p> <p>In this module, students will be guided through the process of writing an academic paper using various AI tools. This allows students to analyse aspects of 'good scientific practice' when using AI and familiarise themselves with the appropriate and goal-oriented use of AI systems during their studies and in research.</p> <p>After successful completion of this module, participants will be able to</p> <ul style="list-style-type: none"> <li>• explain the functioning of AI is, the necessary technical equipment and the potential benefits of its use,</li> <li>• select a suitable AI for a specific use case,</li> <li>• evaluate the quality and accuracy of AI-generated results,</li> <li>• operate AI tools and revise their operation in a target-oriented manner,</li> <li>• assess the scope of the given framework conditions for a selected AI, such as data protection, finances, resources, training data, ethics and other aspects,</li> <li>• assess copyright issues of AI input and output, and categorise its usability for 'good scientific practice'.</li> </ul> <p>This module focuses on enhancing methodological skills.</p> <p>This module addresses at least the following competences of DigComp 2.2: Competence area 1 "Information and data literacy" (competences 1.1 and 1.2), Competence area 3 "Digital content creation" (competences 3.1, 3.2 and 3.3), Competence area 4 "Safety" (competence 4.2) and Competence area 5 "Problem solving".</p>	<p><b>Workload:</b></p> <p>Attendance time: 28 h</p> <p>Self-study time: 62 h</p>
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<b>Course: Using AI Tools in Academic Contexts (Course)</b>	2 WLH
<p><b>Examination: written documentation (max. 5 pages) and oral presentation (approx. 5 minutes), not graded</b></p> <p><b>Examination prerequisites:</b> regular active attendance; writing of a term paper (of approximately 1,200 - 4,000 words)</p> <p><b>Examination requirements:</b> Participants provide evidence of the skills they have acquired by writing a seminar paper, in the creation process of which AI tools are used from finding the topic to completion. Participants will use different tools, document and present their use (written documentation of max. 5 pages), reflect upon their experience using these devices and discuss their experience with their peers (oral presentation of approx. 5 minutes). The documentation and presentation will be used for the final assessment.</p>	3 C

<b>Admission requirements:</b> none	<b>Recommended previous knowledge:</b> good command of English; some experience in writing term papers
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<b>Language:</b> English	<b>Person responsible for module:</b> Aisha Aamir
<b>Course frequency:</b> at irregular intervals	<b>Duration:</b> 1 semester[s]
<b>Number of repeat examinations permitted:</b> twice	<b>Recommended semester:</b>
<b>Maximum number of students:</b> 16	
<b>Additional notes and regulations:</b> Students who have successfully completed module SK.IT.22 "KI-Werkzeuge für das Erstellen wissenschaftlicher Arbeiten" are ineligible to enrol in module SK.IT.22-EN "Using AI Tools in Academic Contexts".	