

<b>Module title</b>		<b>Abbreviation</b>
Digital Practice B: Data Analysis and Visualization		04-VA-DPB-222-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the professorship of Digital Humanities for Near Eastern Archaeology and Ancient Near Eastern Studies		Chair of Ancient Near Eastern Studies
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
The module introduces students to various methods of quantitative and qualitative analysis. These will be implemented using digital data collections relevant for the archaeology and history of ancient Western Asia. In addition, strategies of data and information visualization in the form of diagrams, spatial and temporal mappings and networks will be taught and practically applied in case studies.		
<b>Intended learning outcomes</b>		
Acquisition of methodological competencies for the analysis and visualization of data and information in the field of cultural heritage and ancient studies research. Students will be enabled to independently develop and critically examine acquired knowledge against the background of circumscribed datasets; practical training is achieved through exercises and project work.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) presentation (approx. 45 minutes) with handout (1 to 2 pages) or b) term paper (2,000 to 2,500 words excluding bibliography) or c) practical project (e. g. network analysis, quantitative evaluation of an object corpus and/or mapping in time and space, approx. 30 hours total) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
Teaching cycle: every 2 years, if announced		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Bachelor's degree (1 major, 1 minor) Ancient Near Eastern Archaeology (Minor, 2022) Bachelor's degree (2 majors) Ancient Near Eastern Archaeology (2022) Bachelor's degree (1 major, 1 minor) Ancient World (2022) Bachelor's degree (1 major, 1 minor) Ancient Near Eastern Studies (Minor, 2022) Bachelor's degree (2 majors) Ancient Near Eastern Studies (2022)		