

Module DE 2	Critical Thinking and Scientific Reasoning				
	<i>Hermeneutische Methoden und wissenschaftliches Denken</i>				
	Module type		Required		
	Module ID number		-		
	Credit points (LP)		5 LP		
	Semester hours per week (SWS)		2 SWS		
	Semester	1st semester	Workload (total)		150 h
	Term	Every fall semester	of which	Classroom hours	30 h
	Duration	1 Semester		Self-study	120 h
Qualification objective	Students can analyse, interpret and evaluate arguments, ideas and evidence on methodological, logical and epistemological grounds. They can identify and evaluate the main types of argument, inference and evidence employed in academic thought and practice. They are able to deal adequately with questions. They know the structure of explanations and how hypotheses are used within them. Students are aware of methods for conceptual analysis and formation.				
Expertise	Students are able to differentiate between justification and explanation and they know the main elements of these types of scholarly reasoning. They are able to critically analyse and examine differently presented arguments, theories and views. They are able to use methods for conceptual analysis. They can outline the key aspects involved in research design (deductive or inductive arguments, theory, hypothesis, causality, research question, evidence, operationalisation, explanation, comparison, analogy).				
Methodological competence	Students are able to use analytical skills for understanding, assessing and presenting arguments and explanations. They are able to analyse concepts and give definitions.				
Social and personal skills	Students can use methods for understanding and criticising scholarly texts. This enables them to be self-aware of their own reasoning in critical discourses and helps them to participate in a constructive and argumentative way in academic disputes. They can differentiate between disputes over facts, evaluations and conceptual questions. They are encouraged to think critically and evaluate the evidence they are presented with.				
Course and study formats	Seminar, exercise, team work				
Module coordinator	Anne Reichold				
Prerequisites	-				
Applicable degree program	B.A. European Cultures and Society				
Comments / Other	-				

M DE 2: Sub-module 1	Critical Thinking and Scientific Reasoning			
	Sub-module ID number	-	Course type	Seminar
	SWS	2 SWS	Workload (sub-module)	120 h
	Type of sub-module	Required	of which	Classroom hours
	Planned group size	40		Self-study
M DE 2: Module-examination	Module Exam			
	<i>Modulprüfung</i>			
	Examination number	-	Scope of the exam	90 min
	Examination format	Written exam	Exam preparation and examination time	30 h
	Graded exam?	Yes		
	Comments on the Module examination	Written Exam (90 min.)		
Last change: 04.08.2025				