

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject as a Master's with 1 major with the degree "" (120 ECTS credits)

Responsible: Faculty of Arts, Historical, Philological, Cultural and Geographical Studies
Responsible: Faculty of Mathematics and Computer Science
Responsible: Institute of Computer Science

Examination regulations version: 2025
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Abbreviations used: Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture

Term: **SS** = summer semester, **WS** = winter semester

Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed

Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules

Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s)

Conventions for the modules in this SFB: Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Information on assessment procedures: Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner.

Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below.

Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments.

In accordance with the general regulations governing the degree subject described in this module catalogue:

ASPO2015

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

??-??-2025 (2025-??)

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

Abbreviation	Module title						
	ECTS		Duration	(in semesters)	Method of grading		Module level
	Courses		To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y				
	Method of assessment						
	Only after successful completion of		if applicable				
	Other prerequisites		if applicable				
	Participants and allocation of places		if applicable				
	Additional information		if applicable				
	Referred to in LPO I		if applicable (examination regulations for teaching-degree programmes)				

Compulsory Courses (60 ECTS credits)							
10-I=AML-252-m01	Advanced Machine Learning						
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level
	Courses	V (2) + Ü (2) + T (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus					
10-I=MoNLP-252-m01	Modern Natural Language Processing						
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level
	Courses	V (2) + Ü (2) + T (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus					
10-I=M-MA1-252-m01	Multimedia Analysis 1						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (2) + Ü (2) + T (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus					
04-CH=CH1-252-m01	Computational Humanities I						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					

10-CH=CH2-252-mo1	Computational Humanities II						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
04-CH=CH3-252-mo1	Computational Humanities III						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
	Additional Information	Offering Institutions: Institute of Computer Science, Faculty of Arts, Historical, Philological, Cultural and Geographical Studies					
04-CH=T-M-252-mo1	Temporal modeling						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
04-CH=RI1-252-mo1	Research Project Computational Humanities I						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	R (o) Module taught in: English					
	Method of assessment	Written project essay (12-20 p.) Language of assessment: English creditable for bonus					
	Additional Information	Offering Institutions: Institute of Computer Science, Faculty of Arts, Historical, Philological, Cultural and Geographical Studies					

Compulsory Electives (30 ECTS credits)							
10-I=M- MA2-252-m01	Multimedia Analysis 2						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus					
10-I=AM- C-252-m01	Advanced Methods of Computer Science						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (2) + Ü (2) Module taught in: English					
	Method of assessment	written examination (approx. 60 to 120 minutes). If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English creditable for bonus					
04-CH=CHD-252- m01	Cultural Heritage Data Management						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
04-CH=DE-252- m01	Digital Edition						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					

10-CH=DT-252-m01	Digitization Technologies						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
04-CH=DA-252-m01	Principles of data annotation						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
04-CH=NFT-252-m01	New research avenues in Computational Humanities						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					
10-CH=NF-M-252-m01	New research methods in Computational Humanities						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	S (2) Module taught in: English					
	Method of assessment	a) presentation (20 to 30 minutes) with written elaboration (3 to 5 pages) or b) written examination (45 to 60 minutes) or c) oral examination (approx. 20 minutes) Language of assessment: English creditable for bonus					

10-CH=RI2-252-m01	Research Project Computational Humanities II						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	R (o) Module taught in: English					
	Method of assessment	Written project essay (15-20 p.) Language of assessment: English creditable for bonus					
Additional Information	Offering Institutions: Institute of Computer Science, Faculty of Arts, Historical, Philological, Cultural and Geographical Studies						
10-CH=H-Cl-252-m01	Foundations of Human-Computer-Interaction						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	V (3) + Ü (1) Module taught in: German and/or English					
	Method of assessment	a) written examination (approx. 120 minutes) or b) presentation (30 to 60 minutes) or c) oral examination of one candidate each (30 to 60 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: German and/or English creditable for bonus					
Thesis (30 ECTS credits)							
10-CH=M-T-252-m01	Master-Thesis Computational Humanities						
	ECTS	25	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	A					
	Method of assessment	Master's thesis (60 pages) Language of assessment: German and/or English					
Additional Information	Time to complete: 6 months Offering Institutions: Institute of Computer Science, Faculty of Arts, Historical, Philological, Cultural and Geographical Studies						
10-CH=M-K-252-m01	Concluding Colloquium Computational Humanities						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level
	Courses	K (o)					
	Method of assessment	final colloquium (approx. 60 minutes) Language of assessment: German and/or English					
Additional Information	Offering Institutions: Institute of Computer Science, Faculty of Arts, Historical, Philological, Cultural and Geographical Studies						