

Subdivided Module Catalogue for the Subject

Digital Humanities

as a degree subject in a Bachelor's degree programme with 2
majors
(75 ECTS credits)

Examination regulations version: 2015
Responsible: Faculty of Arts, Historical, Philological, Cultural and Geographical
Studies
Responsible: Chair of Digital Humanities and German Literature of the Modern
Period

Learning Outcomes

German contents and learning outcome available but not translated yet.

Fachliche Ziele

- Die Absolventinnen und Absolventen haben ein solides Überblickswissen über die Grundprinzipien der Digital Humanities, sie können inhaltliche Strukturen von Texten beschreiben und mittels standardisierter Auszeichnungssprachen kodieren, sie kennen zentrale Begriffe und Konzepte der Datenmodellierung und haben die Fähigkeit, diese selbständig zu verwenden.
- Die Absolventinnen und Absolventen verfügen über ein solides Grundwissen in der algorithmischen Prozessierung und der Anwendung von mindestens zwei Programmiersprachen.
- Die Absolventinnen und Absolventen haben geistes- und kulturwissenschaftliche Grundkenntnisse, die weit über das zweite BA-Fach hinausgehen, sowie die Fähigkeit, digitale Ressourcen zu erstellen, zu bearbeiten und zur Beantwortung fachspezifischer Fragen heranzuziehen.
- Die Absolventinnen und Absolventen verfügen über eine vertiefte Kenntnis ausgewählter Forschungsmethoden der Digital Humanities und die Fähigkeit, fachspezifische Fragestellungen so zu operationalisieren, dass sie mit digitalen Bibliotheken und Informationssystemen beantwortet werden können.

Befähigung, eine qualifizierte Erwerbstätigkeit aufzunehmen

- Die Absolventinnen und Absolventen besitzen die Fähigkeit, Fragestellungen der Digital Humanities zu analysieren, Verfahren zu deren Lösung zu entwickeln und in entsprechenden Arbeitsschritten umzusetzen.
- Die Absolventinnen und Absolventen können statistische Verfahren zur Lösung geistes- oder kulturwissenschaftlicher Fragestellungen heranzuziehen.
- Die Absolventinnen und Absolventen kennen die apparativen, personellen und organisatorischen Notwendigkeiten eines Digitalisierungsprojektes.
- Die Absolventinnen und Absolventen besitzen die Fähigkeit, Problemzusammenhänge in mündlicher wie schriftlicher Form sachgerecht aufzubereiten und - unter Medieneinsatz - zielgruppenspezifisch zu vermitteln.

Befähigung zum gesellschaftlichen Engagement

- Die Absolventinnen und Absolventen können gesellschaftliche und kulturelle Entwicklungen, Themen und Positionen in ihrer sprachlichen Verfasstheit und darüber hinaus reflektieren und analysieren. Sie sind in der Lage, sich in einer zunehmend komplexer werdenden Welt zu orientieren und eine Wertvorstellung für das eigene Denken und Handeln zu entwickeln.
- Die Absolventinnen und Absolventen sind in der Lage, geistes- und kulturwissenschaftliche Fragestellungen in die andere Diskurswelt der Informatik zu transferieren. Diese Vermittlerrolle trägt dazu bei, die eigene soziale, kulturgeschichtliche wie geschlechtliche Herkunft kritisch zu reflektieren.

Persönlichkeitsentwicklung

- Die Absolventinnen und Absolventen sind zur selbstständigen und kritischen Reflexion in der Lage und haben gelernt, ihre eigene Position im Dialog mit anderen zu finden, schriftlich und mündlich zu präsentieren und selbstkritisch zu hinterfragen.

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

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

Notes

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 the 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)):

03-Aug-2015 (2015-72)

??-??-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.

The subject is divided into

Abbreviation	Module title	ECTS credits	Method of grading	page
Compulsory Courses (50 ECTS credits)				
04-DH-A1-152-m01	Digital Humanities in Overview	5	B/NB	5
04-DH-A2-152-m01	Text Encoding	5	NUM	7
04-DH-A3-152-m01	Data Modelling	5	NUM	8
04-DH-A4-152-m01	Programming	5	NUM	9
10-I-GADS-152-m01	Algorithms and Data Structures Level One Course	10	NUM	24
04-DH-B-152-m01	Humanities or Cultural Studies Level One Course	5	B/NB	10
04-DH-D-152-m01	Free Choice of Project in the Digital Field	5	NUM	19
04-DH-E1-152-m01	Digital Information Systems	5	NUM	20
04-DH-E2-152-m01	Research Methods in the Digital Humanities	5	NUM	21
Compulsory Electives (25 ECTS credits)				
04-DH-C1-152-m01	Digital Editions and Corpora 1	5	NUM	12
04-DH-C2-152-m01	Digital Editions and Corpora 2	5	NUM	13
04-DH-C3-152-m01	Digital Objects	5	NUM	14
04-DH-C4-152-m01	Data Base	5	NUM	15
04-DH-C5-152-m01	Simulation	5	NUM	16
04-DH-C6-152-m01	Digital Models	5	NUM	17
04-DH-C8-251-m01	Special Topics in Digital Humanities	5	NUM	18
Thesis (10 ECTS credits)				
Students may also choose to write their Bachelor's theses in their second majors or to write an interdisciplinary thesis.				
04-DH-BA-152-m01	Bachelor Thesis Digital Humanities	10	NUM	11
Key Skills Area				
In the two degree subjects, students must achieve a total of 20 ECTS credits in the area of transferable skills. Of these, a total of 5 ECTS credits must be achieved in the two subjects in the area of general transferable skills and a total of 15 ECTS credits (no less than 5 ECTS credits per subject) must be achieved in the two subjects in the area of subject-specific transferable skills.				
General Key Skills				
Students must take modules offered as part of the pool of general transferable skills (ASQ) of JMU.				
Subject-specific Key Skills (5 ECTS credits)				
41-DI-Dighum1-152-m01	Level One Module Digitalisation	2	B/NB	25
04-DH-FSQ2-152-m01	Statistics	5	B/NB	22
04-DH-FSQ3-152-m01	Scripting Languages	5	B/NB	23

Module title			Abbreviation
Digital Humanities in Overview			04-DH-A1-152-m01
Module coordinator		Module offered by	
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	(not) successfully completed	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Overview of the discipline of digital humanities with a focus on abstraction, formalisation and data modelling as well as text encoding, the digital library and applications in the humanities.			
Intended learning outcomes			
Students are familiar with the core principles of digital humanities and have gained an overview of the discipline.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (2) + T (2) Module taught in: German and/or English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English			
Allocation of places			
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Additional information			
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Workload			
150 h			
Teaching cycle			
Teaching cycle: every winter semester			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Media Communication (2015) Bachelor's degree (1 major, 1 minor) Pre- and Protohistoric Archaeology (2015) Bachelor's degree (1 major, 1 minor) Pre- and Protohistoric Archaeology (Minor, 2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Pre- and Protohistoric Archaeology (2015) Bachelor's degree (2 majors) Digital Humanities (2015) Master's degree (1 major) General and Applied Linguistics (2016) Master's degree (1 major) Media Communication (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Master's degree (1 major) Media Communication (2018) Bachelor's degree (2 majors) Classical Archaeology (2018) Bachelor's degree (1 major, 1 minor) Classical Archaeology (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018)			
Bachelor's degree programme with 2 majors Digital Humanities (2015)		JMU Würzburg • generated 18-Apr-2025 • exam. reg. data record Bachelor (75 ECTS) Digital Humanities - 2015	
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Bachelor's degree (2 majors) Digital Humanities (2018)
 Master's degree (1 major) Media Communication (2019)
 Bachelor's degree (1 major, 1 minor) European Ethnology (Minor, 2020)
 Bachelor's degree (2 majors) European Ethnology (2020)
 Bachelor's degree (1 major, 1 minor) Auxiliary Sciences of History (Minor, 2021)
 Bachelor's degree (2 majors) Ancient Near Eastern Archaeology (2022)
 Master's degree (1 major) Media Entertainment (2022)
 Master's degree (1 major) Psychology of digital media (2022)
 Master's degree (1 major) General and Applied Linguistics (2022)
 Bachelor's degree (1 major) Franco-German studies: language, culture, digital competence (2022)
 Bachelor's degree (2 majors) European Ethnology/Empiric Cultural Studies (2023)
 Bachelor's degree (1 major, 1 minor) European Ethnology/Empiric Cultural Studies (Minor, 2023)
 Bachelor's degree (1 major) Indology/South Asian Studies (2024)
 Bachelor's degree (1 major, 1 minor) Indology/South Asian Studies (2024)
 Bachelor's degree (2 majors) Digital Humanities (2024)
 Bachelor's degree (1 major, 1 minor) Digital Humanities (2024)
 Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2024)
 Bachelor's degree (1 major) Human-Computer-Interaction (2024)
 Bachelor's degree (1 major) Classics (2024)
 Bachelor's degree (1 major, 1 minor) European Ethnology/Empiric Cultural Studies (2025)

Module title		Abbreviation
Text Encoding		04-DH-A2-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Fundamental methods of encoding structures of form and content in texts as well as their presentation and visualisation, encoding techniques and markup standards.		
Intended learning outcomes		
Students are able to encode, formalise and visualise content structures of texts. They are familiar with standardised markup languages and are able to apply these to arbitrary texts.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)		

Module title			Abbreviation
Data Modelling			o4-DH-A3-152-m01
Module coordinator		Module offered by	
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Overview of the fundamental principles of data modelling, for discourse studies in particular, as well as overview of important notation standards; development of practical data modelling skills.			
Intended learning outcomes			
Students are familiar with central concepts of data modelling and are able to independently apply them.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: German and/or English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
written examination (approx. 60 minutes) Language of assessment: German and/or English			
Allocation of places			
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Additional information			
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Workload			
150 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (2 majors) Ancient Near Eastern Archaeology (2022)			

Module title		Abbreviation
Programming		04-DH-A4-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to a state-of-the-art programming language for the automatic processing of texts.		
Intended learning outcomes		
Students master the foundations of the algorithmic processing of textual data.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
Exercises (approx. 6 to 10 pages) and written examination (approx. 30 minutes) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (2 majors) Ancient Near Eastern Archaeology (2022)		

Module title		Abbreviation
Humanities or Cultural Studies Level One Course		04-DH-B-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Additional fundamental knowledge in the field of the humanities.		
Intended learning outcomes		
Students have developed additional humanities knowledge beyond their second BA discipline.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) written examination (approx. 90 minutes) or b) term paper (approx. 10 to 12 pages) or c) presentation (approx. 15 to 30 minutes) or d) oral examination (approx. 15 minutes) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (2 majors) Digital Humanities (2015)		

Module title		Abbreviation
Bachelor Thesis Digital Humanities		04-DH-BA-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Independently researching and writing on a topic in the digital humanities that was selected in consultation with an authorised examiner or (in the case of an interdisciplinary thesis) with two authorised examiners.		
Intended learning outcomes		
<p>Students are able to:</p> <ul style="list-style-type: none"> independently write an academic paper (define and analyse a problem, conduct a literature search, employ relevant methods, refer to relevant theories, interpret data, draw logical conclusions and offer approaches to the solution of said problem). work to deadlines. prepare an appropriate written account of the results of their work. 		
Courses (type, number of weekly contact hours, language — if other than German)		
No courses assigned to module		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
<p>Bachelor's thesis (approx. 30 pages)</p> <p>Language of assessment: German and/or English</p>		
Allocation of places		
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Additional information		
Time to complete: 10 weeks.		
Workload		
300 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Bachelor's degree (2 majors) Digital Humanities (2015)</p> <p>Bachelor's degree (1 major, 1 minor) Digital Humanities (2016)</p> <p>Bachelor's degree (1 major, 1 minor) Digital Humanities (2018)</p> <p>Bachelor's degree (2 majors) Digital Humanities (2018)</p> <p>Bachelor's degree (2 majors) Digital Humanities (2024)</p> <p>Bachelor's degree (1 major, 1 minor) Digital Humanities (2024)</p>		

Module title		Abbreviation
Digital Editions and Corpora 1		04-DH-C1-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to principles and methods of creating and designing digital editions or linguistic corpora as well as their use in humanities research.		
Intended learning outcomes		
Students are able to create digital editions and linguistic corpora and to use them to answer research questions in the humanities.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
--		
Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)		

Module title		Abbreviation
Digital Editions and Corpora 2		o4-DH-C2-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to principles and methods of creating and designing digital editions or linguistic corpora as well as their use in humanities research.		
Intended learning outcomes		
Students are able to create digital editions and linguistic corpora and to use them to answer research questions in the humanities.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)		

Module title			Abbreviation
Digital Objects			o4-DH-C3-152-m01
Module coordinator		Module offered by	
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Introduction to creating and editing digital objects such as images, audio data, 3D models or videos, as well as their use in the humanities.			
Intended learning outcomes			
Students are able to create and edit digital objects and to use them to solve philological research questions.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: German and/or English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)			

Module title		Abbreviation
Data Base		04-DH-C4-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to creating and editing databases as well as their use in the humanities.		
Intended learning outcomes		
Students are able to create databases and to use them to answer research questions from the humanities.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (2 majors) Digital Humanities (2024) Bachelor's degree (1 major, 1 minor) Digital Humanities (2024) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2024)		

Module title		Abbreviation
Simulation		04-DH-C5-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to creating simulations as well as their use in the humanities and cultural studies.		
Intended learning outcomes		
Students are able to create simulations and to use them to answer research questions from the humanities.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (2 majors) Digital Humanities (2024) Bachelor's degree (1 major, 1 minor) Digital Humanities (2024) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2024)		

Module title			Abbreviation
Digital Models			o4-DH-C6-152-m01
Module coordinator		Module offered by	
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Introduction to the use of digital models in the humanities and cultural studies.			
Intended learning outcomes			
Students are able to use digital models to answer research questions from the humanities.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: German and/or English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English			
Allocation of places			
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Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)			

Module title			Abbreviation
Special Topics in Digital Humanities			o4-DH-C8-251-m01
Module coordinator		Module offered by	
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
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Intended learning outcomes			
--			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: German and/or English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
a) exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English			
Allocation of places			
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Additional information			
--			
Workload			
150 h			
Teaching cycle			
Teaching cycle: every two years, if announced			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (2 majors) Digital Humanities (2024) Bachelor's degree (1 major, 1 minor) Digital Humanities (2024) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2024)			

Module title		Abbreviation
Free Choice of Project in the Digital Field		o4-DH-D-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Practical application of the knowledge and skills developed in the degree programme Digital Humanities.		
Intended learning outcomes		
Students are able to analyse research questions in the digital humanities, develop methods towards their solution and implement the methods in appropriate steps.		
Courses (type, number of weekly contact hours, language — if other than German)		
R (o) Module taught in: German and/or English Project to be completed at an institution other than JMU		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
Wrap-up report (approx. 5 to 10 pages) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (2 majors) Digital Humanities (2018)		

Module title			Abbreviation
Digital Information Systems			o4-DH-E1-152-m01
Module coordinator		Module offered by	
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period	
ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Introduction to building and designing digital libraries and information systems and operationalising discipline-specific research questions to be able to work on them using digital methods; theory and analysis of digital objects.			
Intended learning outcomes			
Students are able to operationalise research questions in the humanities so that they are able to answer them using digital libraries and information systems.			
Courses (type, number of weekly contact hours, language — if other than German)			
S (2) Module taught in: German and/or English			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
a) Exercises (approx. 10 to 15 pages) or b) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 3 to 5 pages) or c) written examination (approx. 45 to 60 minutes) or d) oral examination (approx. 20 minutes) or e) term paper (approx. 10 to 12 pages) or f) practical project (e. g. transcription, encoding and web publication of (approx. 3 to 5) letters) Language of assessment: German and/or English			
Allocation of places			
--			
Additional information			
--			
Workload			
150 h			
Teaching cycle			
--			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)			

Module title		Abbreviation
Research Methods in the Digital Humanities		04-DH-E2-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Application of selected research methods in the digital humanities; theory and analysis of digital objects.		
Intended learning outcomes		
Students are able to analyse digital objects and to apply selected research methods in the digital humanities.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
term paper (approx. 10 to 12 pages) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018)		

Module title		Abbreviation
Statistics		04-DH-FSQ2-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to statistical methods and their application in the humanities.		
Intended learning outcomes		
Students are able to use statistical methods to answer philological research questions.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
Exercises (approx. 6 to 10 pages) and written examination (approx. 30 minutes) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (2 majors) Ancient Near Eastern Archaeology (2022)		

Module title		Abbreviation
Scripting Languages		04-DH-FSQ3-152-m01
Module coordinator		Module offered by
holder of the Chair of Digital Humanities and German Literature of the Modern Period		Chair of Digital Humanities and German Literature of the Modern Period
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to a state-of-the-art programming language for the automatic processing of texts.		
Intended learning outcomes		
Students master the foundations of the algorithmic processing of textual data.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
Exercises (approx. 6 to 10 pages) and written examination (approx. 30 minutes) Language of assessment: German and/or English		
Allocation of places		
--		
Additional information		
--		
Workload		
150 h		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (2 majors) Digital Humanities (2018)		

Module title			Abbreviation
Algorithms and Data Structures Level One Course			10-I-GADS-152-m01
Module coordinator		Module offered by	
Dean of Studies Informatik (Computer Science)		Institute of Computer Science	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Design and analysis of algorithms, recursion vs. iteration, sort and search methods, data structures, abstract data types, lists, trees, graphs, basic graph algorithms, programming in Java.			
Intended learning outcomes			
The students are able to independently design algorithms as well as to precisely describe and analyse them. The students are familiar with the basic paradigms of the design of algorithms and are able to apply them in practical programs. The students are able to estimate the run-time behaviour of algorithms and to prove their correctness.			
Courses (type, number of weekly contact hours, language — if other than German)			
V (4) + Ü (3)			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)			
written examination (approx. 60 to 120 minutes) or oral examination of one candidate each (approx. 20 minutes) or oral examination in groups of 2 candidates (approx. 15 minutes per candidate) creditable for bonus			
Allocation of places			
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Additional information			
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Workload			
300 h			
Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
§ 49 I Nr. 1 a)			
Module appears in			
Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2015) Bachelor's degree (2 majors) Digital Humanities (2015) First state examination for the teaching degree Realschule Computer Science (2015) Bachelor's degree (1 major) Business Information Systems (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016) Bachelor's degree (1 major, 1 minor) Digital Humanities (2018) Bachelor's degree (1 major, 1 minor) Digital Humanities (Minor, 2018) Bachelor's degree (2 majors) Digital Humanities (2018) Bachelor's degree (1 major) Business Information Systems (2019) Bachelor's degree (1 major) Business Information Systems (2020) Bachelor's degree (1 major) Business Information Systems (2021) Bachelor's degree (1 major) Business Information Systems (2023) Bachelor's degree (1 major) Business Information Systems (2024) Bachelor's degree (1 major) Digital Business & Data Science (2024)			
Bacheor's degree programme with 2 majors Digital Humanities (2015)		JMU Würzburg • generated 18-Apr-2025 • exam. reg. data record Bachelor (75 ECTS) Digital Humanities - 2015	
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Module title		Abbreviation
Level One Module Digitalisation		41-DI-Dighum1-152-mo1
Module coordinator		Module offered by
head of University Library		University Library
ECTS	Method of grading	Only after succ. compl. of module(s)
2	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
This module will equip students with a knowledge of digitisation hardware and software and will provide an introduction to problems associated with image data generation. It will also discuss the metadata enrichment of image data, in particular for the creation of full-text resources using OCR output, catalogue records and archiving.		
Intended learning outcomes		
Students have gained an overview of digitisation technologies and are able to evaluate the quality of image and metadata with regard to the need for post-processing. They know what hardware, software, staff resources, and organisational expertise are required for a digitisation project and are aware of the costs one will incur throughout such a project.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (1) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
talk (approx. 15 minutes) with written elaboration (approx. 2 pages) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
60 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (2 majors) Digital Humanities (2015) Bachelor's degree (1 major, 1 minor) Digital Humanities (2016)		