Focus Area Digital Linguistics: Study Structure

Which modules can be done in which semester? A list of the whole choice of modules with indications about the order and the curriculum. Please note that bachelor's modules that must be taken to fulfill any requirements are not listed here.

Rule of thumb: 30 ECTS credits per semester.

Bold: mandatory or quasi-mandatory modules

Semester	Modul Group	Modul Number	Modul Title	Modul type	ECTS Credits
1	Methodology	271-516	**Quantitive Methods**	Required	6
	Methodology	271-517	**Language Data Acquisition**	Required	9
	Methodology	271-518	**Language Data Processing**	Required	15
2	Research Focus Digital Linguistics	521-529	**Intermediate Methods and Programming in Digital Linguistics**	Core elective	6
	Digital Linguistics	521-002	Introduction to Computational Linguistics 2	Core elective	3
	Digital Linguistics	521-003	Mathematical Foundations of Computational Linguistics	Core elective	6
	Digital Linguistics	521-005	Programming Techniques in Computational Linguistics 2	Core elective	6
	Digital Linguistics	521-006	Creation and Annotation of Linguistic Resources	Core elective	6
	Digital Linguistics	521-011	Semantic Web & Linked Data (every second year only)	Core elective	6
	Digital Linguistics	521-012	Language Technology as a Contribution towards accessibility	Core elective	6
	Digital Linguistics	521-014	Text Analytics in the Digital Humanities	Core elective	6
	Digital Linguistics	521-514	Workshop Week	Core elective	6
	Digital Linguistics	521xxxx	[Elective Module]	Elective	3 or 6 or 9
3	Research Focus Digital Linguistics	521xxxx	**[Seminar]**	Elective	6
	Digital Linguistics	521-007	Grammar Formalisms and Parsing	Core elective	6
	Digital Linguistics	521-009	Machine Learning in Computational Linguistics	Core elective	6
	Digital Linguistics	521-513	Language Technology and Web Applications	Elective	6
	Digital Linguistics	521xxxx	[Elective Module]	Elective	3 or 6 or 9
	Qualtification Thesis	271-MA	**Master Thesis [Part 1]**	Required	6/30
4	Digital Linguistics	521-008	Machine Translation	Core elective	6
	Digital Linguistics	521-015	Text Mining	Core elective	6
	Qualtification Thesis	271-MA	**Master Thesis [Part 2]**	Required	24/30
Anytime*	Digital Linguistics	521-016	Practical Training Off-Site	Core elective	3 or 6
	Digital Linguistics	521-017	Practical Training In-House	Core elective	6 or 9
	Digital Linguistics	521-018	Programming Project	Core elective	3 or 6 or 9
	Digital Linguistics	521-019	Student Teaching Assistant	Core elective	3 or 6
	Digital Linguistics	521-515	Summer School	Core elective	6

*Anytime-modules:

These modules are not linked to a specific semester but recommended only from the 3rd semester on. They cannot be booked by yourself, the booking of the module must be authorized by the module coordinator. The number of ECTS credits are not fix and will be determined with the module coordinator.

Free choice rule (Freiwahlregel):

If you want to, you can also book modules out of the other focus areas (e.g. Descriptive Linguistics, Psycholinguistics, ...), in the total amount of 18 ECTS credits.

Prerequisites:

1. For most of the Digital Linguistics modules you need the module «Programmiertechniken der Computerlinguistik 1» (PCL1) or knowledge to the same extent. This knowledge of PCL1 you will get if you pass "Language Data Processing" (1st semester) and "Intermediate Methods and Programming in Digital Linguistics" (2nd semester).

2. If you want to take the module "Machine Translation", take it only in the 4th semester. As prerequisites do "Mathematical Foundations of Computational Linguistics" (2nd semester) and "Machine Learning in Computational Linguistics" (3rd semester).

3. Before booking please always read carefully the whole description of the module in the course catalogue. Pay special attention to the *Prerequisites* and the *Notes*.

Semester abroad:

If you want to do a semester abroad, do it in your 3rd semester.