

Semester	Course title	Hours			Total hours	ECTS	Obligatory
		Lecture	Exercises	Other			
I	Foundations (Students choose 2 courses depending on their background)					2 x 4 = 8	
	PLIN067 Foundations of Language	1	1			5	x
	CJJ15 Czech Comparative Grammar	2				5	
	PLIN041 History of Computational Linguistics	2				4	
	MA010 Graph Theory	2	1			5	
	IV029 Introduction to Transparent Intensional Logic	2				4	
	Methods & Tools (Students choose 2 courses)					2 x 5 = 10	
	PA153 Natural Language Processing	2				4	x
	PV027 Optimization	2				4	
	IB113 Introduction to Programming and Algorithms	2	2			6	x
	PV080 Protection of Data and Information Privacy	2				4	x
	Application-Oriented Electives I (Students choose 1 course)					1 x 5 = 5	
	PV070 Digital Libraries	2				4	
	PV061 Machine Translation Introduction	2				4	
	PLIN045 Introduction to development of multiplatform applications		2			5	
	PLIN055 Project from corpus and computational linguistics		2			3	
	PV251 Visualization	2	1			5	
II	Foundations					2 x 5 = 10	
	CJBB105 Introduction in Corpus Linguistics	2				4	x
	PA152 Efficient Use of Database Systems	2				4	
	MV013 Statistics for Computer Science	2	2			5	x
	PLIN063 Algorithmic Description of Morphology		2			5	
	Methods & Tools (Students choose 2 courses)					2 x 4 = 8	
	PV056 Machine Learning and Data Mining	2		1		5	
	IB047 Introduction to Corpus Linguistics and Computer Lexicography	2				4	
	PLIN032 Grammar and Corpus		2			5	
	PLIN033 Algorithmic Description of Word Formation		2			4	
	PV004 UNIX	2				4	
	VV060 Law and Research Ethics	1				2	
	Application-Oriented Electives II (Students choose 1 course)					5	
	PA214 Visualization II	2	1			5	
	PV211 Introduction to Information Retrieval	2	1			5	
	PA107 Corpus Tools Project		2			2	
	PB138 Modern Markup Languages and Their Applications	2	1			5	
SDIPR Diploma Thesis					5	x	
III	Special Topics in Digital Linguistics (Students choose 2 courses + 1 obligatory)					3 x 5 = 15	
	IA161 Advanced Techniques of Natural Language Processing	1	1			3	x
	PA196 Pattern Recognition	2	2			6	
	PV254 Recommender Systems	1	1			3	
	PLIN035 Computational Lexicography	0	2			4	
	PLIN064 Introduction to Digital Humanities	0	2			4	
	IA008 Computational Logic	2	2			5	
	PV021 Neural Networks	2		2		6	
	CJBB184 Language Typology	0	2			4	
	PLIN075 Linguistic Webinar	0	2			5	
	PV182 Human Computer Interaction	1	1			4	
	IV111 Probability in Computer Science	2	2			6	
	Projects (Students choose 2 courses + 1 obligatory)					3 x 3 = 9	
	PLIN055 Project from corpus and computational linguistics		2			3	x
	PB106 Corpus Linguistic Project	0	2			2	
	PLIN053 Mobile application programming project		2			4	
	PV277 Programming Applications for Social Robots		1			2	
	PLIN065 Tools for theories		2			4	

	SDIPR Diploma Thesis						0	
IV	Advanced Topics in Digital Linguistics (Students choose 2 courses)						2 x 5 = 10	
	PA128 Similarity Searching in Multimedia Data	2					4	
	IV003 Algorithms and data structures II	2	2				6	
	PA154 Language Modeling	2					4	
	PLIN034 Algorithmic Description of Syntax	2					5	
	PA156 Dialogue Systems	2					4	
	VV043 Academic Writing in English	0	2				5	
	SDIPR Diploma Thesis						15	x