

code	course	ECTS	term	LCT tracks (as guidelines)			
obligatory courses				core	DLR	NLA	LDS
NTIN066	Data Structures I	6	s				6
NTIN090	Introduction to Complexity and Computability	4	w				4
NPFL063	Introduction to General Linguistics	4	w	4			
NPFL067	Statistical Methods in Natural Language Processing I	5	w	2		3	
NPFL114	Deep learning	7	s	2			5

TOTAL for obligatory courses 26

core elective courses - group 1

NPFL006	Introduction to Formal Linguistics	3	w	3			
NPFL038	Fundamentals of Speech Recognition and Generation	5	w		2	3	
NPFL068	Statistical Methods in Natural Language Processing II	5	s			3	2
NPFL070	Language Data Resources	4	w	2	2		
NPFL075	Dependency Grammars and Treebanks	5	s		3	2	
NPFL079	Algorithms in Speech Recognition	5	s			5	
NPFL082	Information Structure of Sentences and Discourse Structure	2	s		2		
NPFL083	Linguistic Theory and Grammar Formalisms	5	s	2	3		
NPFL087	Statistical Machine Translation	5	s				5
NPFL093	NLP Applications	4	s			4	
NPFL094	Morphological and Syntactic Analysis	3	w	3			
NPFL095	Modern Methods in Computational Linguistics	3	w				3
NPFL097	Unsupervised Machine Learning in NLP	3	w				3
NPFL099	Statistical Dialogue Systems	4	w			2	2
NPFL100	Variability of Languages in Time and Space	2	w		2		
NPFL103	Information Retrieval	5	w			3	2
NPFL104	Machine Learning Methods	4	s			2	2
NPFL122	Deep Reinforcement Learning	5	w				5
NPFL128	Language technologies in practice	4	s	4			

TOTAL for group 1 76

core elective courses - group 2

NAIL025	Evolutionary Algorithms I	5	w				5
NAIL069	Artificial Intelligence I	4	w	4			
NAIL070	Artificial Intelligence II	3	s			1	3
NAIL104	Probabilistic Graphical Models	3	w			3	
NPGR036	Computer Vision	5	s			5	

TOTAL for group 2 10

core elective courses - group 3

NPGR069	Company Project	6	both		track depends on topic		
NPGR070	Research Project	9	both		track depends on topic		
NPGR071	Software Project	12	both		track depends on topic		

TOTAL for group 3 6

Additional courses (not counted as core elective but recommended for LCT students)

NPFL123	Dialogue Systems	5		2		3	
NPFL124	Natural Language Processing	4		4			
NPFL092	NLP Technology	5		5			
NPFL129	Introduction to Machine Learning with Python	5		5			
	Czech for Foreigners	3					

TOTAL for additional courses 22

Total number of credits: 140 42 14 39 47