Course title	**Language, computers, and new technologies**	Instructor	**Determined later**
		Instructor's email address	
Semester	**1 ☑ 2 ☑**	ECTS credits	5/3
Academic year	2019/2020	Contact hours	**15 ☐ 30 ☑**
Level	**1-Bachelor ☑** 2 - Master ☐	Language of instruction	English

Learning outcomes and competences
At the end of the course the learner is expected to be able to: - Describe what is natural language processing and what types of difficulties are involved in processing human language - Describe various aspects of computational linguistics and corpus linguistics as well as outline their historical developments - Describe the ways in which technological advancements influence the work of translators and interpreters - Describe the basic principles and mechanisms of machine translation systems - Describe how internet and social media influence human language in the globalized world - Describe current trends in the development of natural language processing technologies

Course contents
1 Natural language processing – how computers can interact with human languages? 2 Computational linguistics – its history, methods and current applications 3 Corpus linguistics – its history, methods and current applications 4 Computer technology and translation – how the advancements in computer technology change the work of translators? 5 Machine translation – how Google Translate and other similar apps work? 6 Language, internet, and social media in the globalized world 7 Language and new technologies in the 21st century – current trends and future developments

Recommended reading
Boden, M. (2018). *Artificial Intelligence: A Very Short Introduction*. Oxford: OUP. Clark, A., Fox, C., Lapping S. (eds.) (2010). *The Handbook of Computational Linguistics and Natural Language Processing*. Oxford: Wiley-Blackwell. Crystal, D. (2011). *Internet Linguistics*. New York: Routledge. Malmkjaer, K., Windle, K. (eds.) (2011). *The Oxford Handbook of Translation Studies*. Oxford: OUP. McEnery, T., Hardie, A. (2012). *Corpus Linguistics*. Cambridge: CUP. Poibeau, T. (2017). *Machine Translation*. Cambridge, MA: The MIT Press.

Teaching and learning methods
Lecture, exercises in groups, group discussion

Assessments methods
Test at the end of the course, Attendance