

# Digital linguistics (in English)

圣彼得堡国立技术大学

所具有的等级和资质: **Master's degree**

学习语言: 英语

学习方式:

长度: 2 年

免费学习的可能性: 有

费用:

学院网站的方案页面:

<https://english.spbstu.ru/education/programs/programs-in-english/master-s-degree/digital-linguistics/>

This program reveals the models of language theory, Big Data analysis, theory and practice of machine translation, algorithms for automatic text improvement. The students experiment with the phenomenon of speech, voice recognition, automated text analysis, develop digital language guides and other pioneering technologies.

## Key competencies and skills

- analysis of modern achievements of science and advanced technologies in research work;
- strategy to apply new information technologies in humanities with the means of intellectual data analysis and machine learning, computational linguistics and knowledge representation;
- research activities in logical and algorithmic intelligent systems;
- presentation of research results in report forms, abstracts, publications and public discussions;
- development of human-machine and machine-to-machine interaction system, algorithms and methods for machine translation;
- analysis in speech recognition and extraction of named entities;
- creation of question-answer systems;
- development of systems to facilitate communication for people with disabilities.

## 本方案范围内专业化