

# System Programming

Ural Federal University named after the first President of Russia B.N. Yeltsin

Degree or qualification is awarded: **Master**

Language of study: **English**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **yes**

Price: **2 853 USD per year**

Programme webpage at the university website:

<http://urfu.ru/en/international/programs-and-courses/master-programs-in-english/system-programming/>

Programme curator:

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Upon graduation from the Master programme “System Programming”, graduates will have incorporated all knowledge and competences required for most effective software development, and also obtained a deep and profound understanding of computing technology operation. The programme includes mathematical and theoretical principles of computer science with regard to system programming, contemporary operation systems, compilers, and programming languages applied in high-level (C/C++) and low-level (Assembler) system programming. A major section of the curriculum concerns modern computer hardware, including computer systems, networks, and parallel & distributed systems.

## Specializations within this programme