

# Business Process Reengineering

Siberian Federal University

Degree or qualification is awarded: **Master**

Language of study: **Russian**

Mode of study: **full-time**

Duration: **2 years**

Availability of free education: **no**

Price: **181 856 RUB per year**

Programme webpage at the university website:

[http://edu.sfu-kras.ru/sites/edu.sfu-kras.ru/files/ooop/presentations/09.04.03.02\\_Prezentaciya\\_OP\\_VO.pdf](http://edu.sfu-kras.ru/sites/edu.sfu-kras.ru/files/ooop/presentations/09.04.03.02_Prezentaciya_OP_VO.pdf)

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**The goal of the program** is to train highly qualified specialists in the field of applied computer science for the effective management and optimization of business processes of modern enterprises and organisations based on the methodology and tools of applied computer science.

## **The objectives of the program:**

- to form a system of general cultural and professional competencies that allow for the effective implementation of research, analytical activities in the field of business process reengineering;
- to teach the strategies to solve the problems of improving management processes based on applied informatics tools and best practices of reengineering.

The graduate knows methods and instruments for modelling and optimizing business processes, instruments for designing information systems and automated management of business processes, research skills in the field of reengineering methodology, process and functional management, automation and regulation of activity, the ability to improve applied business processes of enterprises to increase their competitiveness in the modern economy.

**Competitive advantages for the graduate:** competencies in the field of organisational, administrative and analytical aspects of managing economic processes and objects based on system and tools of applied computer science. The students also master: knowledge of the features of the organisation of information processes and business processes, reengineering organisations, modelling business processes, evaluating the results of reengineering; skills in applying reengineering technologies to optimize business processes, build an effective organisational structure, improve transparency, controllability and manageability of a business; design methodologies for new areas of development of company and business processes, business replication and unification of business processes, automation and regulation of activities.

**Employment:** organisations and businesses related to the organisation and conduct of system analysis and reengineering of applied and information processes, quality management, automation of solving applied problems and processes of creating information systems. Research organisations that study the problems of modelling of applied and information processes, lifecycle management of information systems. organisations implementing enterprise informatization projects in applied areas of economics and management.

## **Specializations within this programme**