



# Financial engineer

## MASTER PROGRAM

### BLOCKS

Required disciplines

Electives

Practice

Diploma

1 COURSE

2 COURSE

#### I SEMESTER

Financial econometrics

Financial markets and institutions

Macroeconomics (Advanced)

Negotiation technologies and cross-cultural communications

Information retrieval technology

Psychological foundations of effective professional communication

Psychological and pedagogical adaptation to the professional environment

Introductory practice

#### II SEMESTER

Corporate Finance (Advanced)

Financial consulting

Financial Risk Management

Introduction to Application Programming

Digital financial ecosystems and platform economies

Fintech and payment industry

Development strategy and leadership

Research methodology

Business English

Project work

#### III SEMESTER

Big data technology

Blockchain technology in business and management

Financial accounting and reporting

Sustainable development: opportunities and potential of Russia

Business performance management / Strategic planning / Corporate governance and corporate reporting based on ESG, GRI

Online trading and marketplaces/ Crowdfunding

Artificial Intelligence/ Customer Relationship Management

Mediation in the financial sector

Project work

#### IV SEMESTER

Practice according to the profile of professional activity

Undergraduate practice

Preparation for defense and defense of final qualifying work