

Criteria for evaluating achievements submitted for participation in the portfolio competition "SFU Master student" in the competitive direction 01.04.02 Computational Modeling in Technology and Finance

Competitive Selection Criteria	Number of evaluation points
Section 1. Motivation letter	Maximum score - 10
Criteria for evaluating a motivation letter: - logic, structuredness, reasoned presentation - ability to prioritize - literacy	
Section 2. Thematic cases (bachelor's or master's thesis or essay)	Maximum score - 30
- bachelor's or master's thesis (an academic transcript with a seal is attached as possible)	up to 30
- an essay prepared on one of the proposed topics in ENGLISH Writing an essay involves preparing a detailed scientific answer that is relevant to the subject area and allows you to adequately assess: <ul style="list-style-type: none"> • understanding of the proposed topic • level of theoretical knowledge • available practical skills in the use of software and information tools to carry out research in the selected area • the level of general scientific culture and analytical skills <p>The volume of the essay is 10-15 pages. The originality of the text is not less than 70%.</p>	up to 30
Section 3. Results of educational activities	Maximum score - 50
- the results of the federal Internet exam for bachelors in the areas of special training 01.00.00, 02.00.00, 09.00.00. Gold certificate - 50 points; silver certificate - 30 points; bronze certificate - 20 points; participation certificate - 10 points.	
- participation in specialized Olympiads, confirmed by relevant certificates – 10 points for one certificate	

- certificate of English proficiency based on the results of passing international exams (not lower than level B2) – 20 points for one certificate	
- nominal scholarships, documented– up to 5 points for one certificate	
- Participation in a program of additional professional retraining in applied mathematics, computer science or mathematical modeling of at least 600 hours, a certificate of completion of training - 40 points.	40
Section 4. Results of research activities	Maximum score - 50
- scientific publications in the field of study in indexed publications (scanned copies of publications are attached): - in publications indexed by the RSCI (or similar national DB of research publications) - 5 points per publication - in journals from the list of HAC (or similar national DB of research publications)- 20 points each - in journals indexed in the Scopus or Web of Science databases – 30 points each; - co-authorship in monographs posted in the RSCI - 15 points each	
- presentation with a report at scientific conferences on a research topic corresponding to the field of study - 5 points per presentation	
- patents received by the contestant, certificates for registration of computer programs and other results of intellectual activity (scanned copies of documents are attached) - 10 points each - patents for inventions, utility models and industrial designs - 10 points each - certificates of state registration of computer programs, databases, etc. - 5 points each	
- participation in the implementation of research works and research projects supported by grants - 5 points for one participation	
- membership in scientific and professional communities - 5 points for one certificate	
- confirmed seniority and practical experience of the contestant corresponding to the chosen direction of master's training: – work experience up to 2 years – 20 points – work experience of 2 years or more – 25 points	
- certificates of completion of programs of additional professional education or retraining in programs corresponding to the direction of master's training - 10 points for one certificate	
Section 5. Achievements counted as a maximum result	Maximum score - 100

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| <ul style="list-style-type: none">- diploma winners (medalists, winners, prize-winners) of the All-Russian Olympiad of students "I am a professional";- winners and prize-winners of the "Competition for the best scientific report of students" within the framework of the university conference "Science Week". | |
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The maximum number of points that a contestant can receive in the competition is 100 points.