

Name of the Educational Institution	Batumi Shota Rustaveli State University. Address: №35 Ninoshvili str. 6010, Batumi Tel /Fax: (+995 222) 27 17 87 email: info@bsu.edu.ge
Name of the Educational Program	Financial Mathematics
Qualification (Academic Degree)	Bachelor of Mathematics
Number of Credits	The programme consists of 240 ECTS and it is administered during four calendar years. 165 ECTS are allotted to core courses of total 240 ECTS; 15 ECTS – electives; 60 ECTS – Minor qualification courses.
Programme Goals	<p>The program aims to:</p> <ul style="list-style-type: none"> • Train students in theory and practice and educate in the fields of mathematics and classical; • Develop the skills of comprehension, analysis, evaluation and settlement of practical tasks arising in the financial sector; • Provide training of students with high civic awareness and activism, democratic and liberal values with competitive skills and knowledge, who will be able to assert itself in the labor market and / or continue their studies in higher education at the next level. • to satisfy the students aspirations for comprehensive education and diverse interests with elective courses within the program and / or through additional specialty.
Learning Outcomes (Generic and Subject Specific Competences)	<p>1.1. Fundamental branches of the financial mathematics theories and methods;</p> <p>1.1.1. Extensive knowledge of the basic modern research approaches to objects of financial mathematics with the use of Linear algebra, differential accounting, modern geometry achievements;</p> <p>1.1.2. Extensive knowledge of the basic modern research approaches and constructing of models of probability-statistical and financial mathematics with the differential and integral calculus;</p> <p>1.1.3. Extensive knowledge of the Mathematical Logic and basic algebraic structures, their research methods and the ability to use them in the financial mathematics.</p>

	<p>1.1. Extensive knowledge of functions' approaches, linear algebra, numerical production and integers, some numerical methods for solution of nonlinear equations and the ability to use in the financial mathematics;</p> <p>1.2. Information about modern approaches and achievements in various branches of Financial Mathematics;</p> <p>1.3. knowledge of the software packages and programming languages, necessary for solutions of different types of financial mathematics' problems and for presentation skills;</p> <p>1.1. Advanced knowledge of the bases of Microeconomics, Macroeconomics, Financial and Insurance Mathematics.</p>
<p>Assessment Criteria</p>	<p style="text-align: center;">Student Assessment/ Evaluation Criteria</p> <p>Positive assessment:</p> <p>(A) excellent 91– 100 %</p> <p>(B) very good 81– 90 %</p> <p>(C) good 71– 80 %</p> <p>(D) satisfactory 61 – 70 %</p> <p>(E) sufficient 51 – 60 %</p> <p>Negative assessment:</p> <p>a. (FX) did not pass 41– 50 % – student has to take more time for studying the subject, s/he still can retake the exam;</p> <p>b. (F) fail 0 – 40 % - student has not sufficient knowledge of the subject and has to retake the course.</p> <p>There are five positive and two negative assessment criteria:</p> <p>'Fail' applies in the case if:</p> <p>a. student is not admitted at the final exam;</p> <p>b. student fails the final sor additional examination.</p>
<p>Contacts</p>	<p>Programme Directors:</p> <p>Vladimer Baladze, Professor, Tel.: (+99593) 36 96 09; (+995222) 7 94 15 E-mail: vbaladze@gmail.com</p> <p>Anzor Beridze, Associate Professor Tel.: (+99593) 31 37 77 E-mail: anzorberidze@yahoo.com aberidze@bsu.edu.ge</p>