

Name of the Educational Institution	LEPL "Batumi Shota Rustaveli State University" Address: №35 Ninoshvili Str. Batumi 6010 Tel/Fax: (0422) 27 17 87 E-mail: info@bsu.edu.ge
Title of the Educational Program	Chemistry Educational program (Master) of the second cycle of academic higher education
Qualification conferred	Master of Chemistry
Program Volume in Credits	120 credits. Study courses – 90 credits (including general courses – 30, elective modules – 50, free components – 10), and Master's thesis – 30 credits. (1 ECTS – 25 hours). In accordance with the logical sequence of the study courses, Master's student can pass 30 credits during a semester, 60 credits – per year.
Aim of the Educational Program	The aim of the Master's program comes in line with the university mission and provides the preparation of highly qualified, competitive specialist oriented towards the labor market, with the competences meeting the modern requirements as well as formation of free personalities with democratic principles and liberal values. The aim of the program is also to give deep and systemic theoretical knowledge, elaborate practical skills in the graduates necessary for scientific-research activities, skills of applying recent scientific achievements and existing experience, ability to solve complex problems by using new original ways, making argumentative decisions on the basis of acquired results processing and critical analysis.
Learning Outcomes	The Master has thorough and systemic knowledge of the basic directions in the field – inorganic, bioorganic, physical and analytical chemistry that enables to elaborate new ideas. Has critical awareness of the necessity of deepening knowledge. Elaborated skills to work independently with planning, safely conducting and implementing experimental work. Is able to: monitor the process of chemical experiments, collect data, mathematical processing of error, analyze the results, logical reasoning and conclusion; obtain, process, analyze and synthesize complicated and incomplete information based on the latest data on research, preliminary forecasting of chemical processes. Present research results to the public; use modern communication technologies in the process of elaborating and analyzing the results of chemical research and experimentation. Prepare the project and other tasks in writing and oral form of the results of the chemical experiment and submit information to the public in accordance with the standards of academic honesty. Critically evaluates his knowledge, realizes the specificity of the learning process in this direction, the need to continue further studies and the necessity of renewing knowledge; Is able to plan and guide own studies independently. Assess the own and others' professional perfection, sense of responsibility, high university culture and erudition; Practical value and importance of subject-specific and general competences received.
Assessment	The final assessment is defined as follows: A – Excellent 91-100 points; B – Very Good 81-90 points; C – Good 71-80 points; D– Satisfactory 61-70 points; E – Sufficient 51-60 points; FX – could not pass 41-50 points. Student has the right to take the additional

	exam once more; F – Fail 0-40 points. Student has to take the course again.
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