

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	Biology Educational program (Master) of the second cycle of academic higher education
Qualification conferred	Master of Biology in Genetics/Biodiversity/Hydrobiology
Program Volume in Credits	120 ECTS
Aim of the Educational Program	The goal of the program is to train MA in biology specializing in biodiversity, genetics or hydrobiology, to provide extensive theoretical knowledge and develop scholarly research skills, especially in the direction of the elected specialization.
Learning Outcomes	<u>Specialization Genetics</u> The module offers classic and modern methods of genetic studies qualified specialists, The students will learn about heritage and the genetic changes, the ratio of their regulation, molecular mechanisms of gene expression etc. and will be able to transform the knowledge into practice. <u>Specialization Biodiversity</u> The module offers extensive trainings in Biodiversity and bio-ecological issues, distribution of species and the basic patterns of the regional biodiversity; The MA students will be able to carry out research in Biodiversity with the use of modern conservation strategies. <u>Specialization Hydrobiology</u> The MA module is designed to train students extensively in qualitative characteristics of the water environment and its impact on the hydrobionites, their structure and regulation of the vital processes. Knowledge of the biodiversity in the Marine and freshwater reservoirs will be the basis of preserving water resources, development of the strategies for the sustainable use of commercial hydrobionites, efficiency of natural reproduction. The students will: the ability to develop scientific literature processing, to critically analyze and report. Will be able to understand essential content of the variety of literature in Life Sciences, issued in international scientific journals in foreign languages, and will be able to discuss it. Will be able to think, to plan and carry out a research project; Independently acquire the necessary scientific research methodology; Will be able to further develop professional knowledge in the changing environment of new technologies. Will be able to participate in the process of establishment of the ethical-aesthetic values of the nature. The graduate of the Master's educational program of Biology will: ➤ develop skills of processing reference literature, critical thinking and conclusion making; ➤ be able to analyze the essential content of foreign scientific texts of different complexities in the field of Life Science, conducting field discussion; ➤ be able to plan, draft and implement research project; independently acquire the methodology necessary for scientific research; ➤ be able to further develop professional knowledge in the changing environment of new technologies. ➤ be able to participate in the process of establishment of the ethical-aesthetic values of the nature.
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.
Contact Person	Program leader: Rusudan Khukhunaishvili, Professor ✉ rusudan.khukhunaishvili@bsu.edu.ge ☎ 599589635