

<b>Name of the Educational Institution</b>	LEPL "Batumi Shota Rustaveli State University" Address: №35 Ninoshvili Str. Batumi 6010 Tel/Fax: (0422) 27 17 87 E-mail: <a href="mailto:info@bsu.edu.ge">info@bsu.edu.ge</a>
<b>Title of the Educational Program</b>	Physics
<b>Qualification conferred</b>	Doctor of Physics
<b>Program Volume in Credits</b>	<p>Educational program comprises 180 ECTS credits, including contact hours – 60 ECTS credits, research component – 120 ECTS credits.</p> <p>Contact component comprises:</p> <ol style="list-style-type: none"> <li>1. Major compulsory courses – 40 ECTS credits;</li> <li>2. Major elective or university elective courses – 20 ECTS credits.</li> </ol> <p>Research component comprises:</p> <ol style="list-style-type: none"> <li>1. Colloquiums – 40 ECTS credits;</li> <li>2. Accomplishment of dissertation thesis – 80 ECTS credits.</li> </ol>
<b>Aim of the Educational Program</b>	<ul style="list-style-type: none"> <li>• To provide general scientific and practical preparation of degree seekers in PhD of Physics and their formulation into specialists who are able to critically analyze accumulated information on receiving, spreading, using of electromagnetic waves in media and their impact on living and non-living environment, evolutionary changes of media-indicator statistic parameters. To create new methods of research, theories and approaches.</li> <li>• To provide engagement of degree seekers in PhD of Physics into the international intellectual space; reflection of innovative research methods and approaches elaborated by the doctoral students in international peer-reviewed publications and their dissemination through teaching;</li> <li>• To enhance for the degree seekers in PhD of Physics independent overcoming of complex and contradictory ideas and elaborating relevant approaches, making effective decisions. To provide preparation of doctoral students who will be able to present acquired knowledge in effective and relevant form. Together with research, PhD students are obliged to implement and deliver the obtained knowledge in practice, in interpersonal as well as poly-structural communication.</li> <li>• To support PhD students search for ways of establishing new values and elaborating innovative methods.</li> </ul>
<b>Learning Outcomes</b>	<p><b>Has:</b></p> <ol style="list-style-type: none"> <li>1. The knowledge of different branches of physics – atmosphere radiophysics, statistical radiophysics, random field theory, water media spectroscopy and other directions, based on recent achievements that enables widening of the already acquired knowledge in these fields and will be reflected in peer-reviewed publications.</li> <li>2. Thorough, systemic and recent knowledge of specific radio physical and magneto optic innovative methods of research.</li> <li>3. The ability to understand existing radio physical and magneto optic approaches and methods through revision and partial re-evaluation.</li> </ol> <p><b>Is able to:</b></p> <ol style="list-style-type: none"> <li>1. Plan, accomplish and supervise innovative researches independently based on specific and recent radio physical and magneto optic methods.</li> <li>2. Create innovative research and analytical radio physical and magneto optic methods oriented towards creating new knowledge and reflected in in peer-reviewed publications.</li> </ol>
<b>Assessment</b>	<p>In a study discipline, student's final assessment is calculated according to the sum total of academic activeness, midterm exam assessment and final exam assessment. The final assessment is defined according to the following rating: A, B, C, D, E, FX, F.</p> <p>A – Excellent <b>91-100 points</b>;</p> <p>B – Very Good <b>81-90 points</b>;</p> <p>C – Good <b>71-80 points</b>;</p> <p>D– Satisfactory <b>61-70 points</b>;</p> <p>E – Sufficient <b>51-60 points</b>;</p> <p>FX – could not pass <b>41-50 points</b>. Student has the right to take the additional exam once more;</p>

	<p>F – Fail <b>0-40 points</b>. Student has to take the course again.</p> <p><b>Research component is evaluated according to the following system:</b></p> <ul style="list-style-type: none"> <li>a) Excellent (summa cum laude) – outstanding thesis;</li> <li>b) Very Good (magna cum laude) – result that highly exceeds the requirements;</li> <li>c) Good (cum laude) – result that exceeds the requirements;</li> <li>d) Average (bene) – mediocre thesis that meets the basic requirements;</li> <li>e) Satisfactory (rite) – result that still meets the requirements despite drawbacks;</li> <li>f) Fail (insufficient) – unsatisfactory thesis that does not meet the requirements owing to significant drawbacks in it;</li> <li>g) Fail outright (sub omni canone) – result that does not meet any requirements at all.</li> </ul>
<b>Contact Person</b>	<p><b>Program leaders:</b></p> <p><b>Zhuzhuna Diasamidze</b>, Professor  Tel.: 599765342;  E-mail: <a href="mailto:zhuzhuna.diasamidze@bsu.edu.ge">zhuzhuna.diasamidze@bsu.edu.ge</a></p> <p><b>Nugzar Gomidze</b>, Professor  Tel.: 577179727;  E-mail: <a href="mailto:gomidze@bsu.edu.ge">gomidze@bsu.edu.ge</a></p>