

**Review of the
educational program of the doctoral program 8D05302 – Chemistry,
developed at the Department of Chemistry of the S.Amanzholov East
Kazakhstan University**

The educational program (hereinafter referred to as the OP) of the doctoral program 8D05302 – Chemistry is a system of documents developed on the basis of the State mandatory Standard of the relevant levels of education approved by the Decree of the Government of the Republic of Kazakhstan dated August 23, 2012 No. 1080.

The educational program (hereinafter referred to as the OP) regulates the goals, expected results, content, conditions and technologies for the implementation of the educational process, evaluation of the quality of graduate training and includes the necessary set of normative and methodological documents: the passport of the graduate's OP, the content of the educational program, an information package, a modular reference book.

This OP is aimed at solving the main task of the educational policy of the Higher School of Economics named after S.Amanzholov for the implementation of postgraduate education, namely the training of highly qualified specialists - doctors of sciences with in-depth professional training, competitive in the domestic and international labor market. This implies the integration of research activities and training into the educational process, the implementation of the educational process using credit technology of training based on the principles of interdisciplinarity and competence approach.

The results of mastering the OP are evaluated from the standpoint of a competence-based approach that takes into account the level of knowledge, skills, personal qualities in accordance with the tasks of professional activity, which allows for a differentiated assessment of the level of theoretical knowledge and practical skills of students. The list of professional competencies assumes a high level of knowledge in the field of research, pedagogical, managerial professional activity, which allows you to apply the formed competencies in practice.

Also, doctoral students have the opportunity to participate in the organization and passage of scientific research, pedagogical practices that contribute to the consolidation of theoretical knowledge. Pedagogical practice involves the study of interactive forms of education, attending classes of leading specialists of the university, conducting classes at the university by doctoral students themselves. Research work includes research activities and preparation of the final qualifying work (doctoral dissertation).

Also, a positive aspect in the reviewed program is the presence in it of a system for assessing the quality of mastering the disciplines of doctoral studies, presented

in the methodological guidelines for practical classes, to the content and forms of independent work, in the description of the forms of current control through the use of the evaluation fund, standard tasks for practical classes, control works, tests.

The above allows us to state the compliance of the doctoral program 8D05302 – Chemistry, implemented at the S.Amanzholov East Kazakhstan University, with the State mandatory standard of Postgraduate Education of the Republic of Kazakhstan.

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