



The University of Oklahoma[®]

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Support Letter

**of the educational program "Biology" of the first (bachelor's) level of higher education,
specialty 091 "Biology", field of knowledge 09 Biology**

at the National Technical University "Dnipro Polytechnic"

Biology is a natural science that investigates the characteristics of life and living organisms. Modern advancements offer a chance to learn new methods, discover fresh opportunities, and flourish in prestigious institutions and global projects.

The educational program "Biology" includes multiple specialized disciplines that analyze the structure, functions, growth, distribution, evolution, and other features of living organisms. The broad scope of Biology forms the foundation for medical and other areas of human activity, thereby necessitating the training of specialists with comprehensive knowledge of biological processes and mechanisms. The versatility of biologists is evident in their ability to conduct research at various levels of living matter organization, utilizing modern techniques such as biochemical, microbiological, cytological, and histological, among others. Therefore, it is crucial to educate qualified professionals through the educational and professional program "Biology" for the first (bachelor's) level of higher education in the field of knowledge #09 Biology and specialty #091 Biology at the National Technical University "Dnipro Polytechnic".

The program's analysis ensures a clear structure, logical sequence of educational disciplines, and defined purpose and content for specialist training, program competencies, learning outcomes, and resource support for effective educational activities, creating opportunities for academic mobility and future employment in diverse fields and institutions.

The "Biology" educational program at NTU "Dniprovsk Polytechnic" helps students acquire competencies that enable them to develop themselves directly by addressing a range of problems and practical issues that biologists face. The program's noteworthy feature is its comprehensive and systematic approach to training modern professional biologists. In my opinion, implementing the "Biology" educational program for the first (bachelor's) level of higher education in the field of knowledge 09 Biology and specialty 091 Biology at the National Technical University "Dniprovsk Polytechnic" would be advantageous for both applicants and potential employers.

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