

EDUCATIONAL STANDARDS OF A NEW MASTER'S DEGREE PROGRAM IN BIOSTATISTICS

Mancho Manev, Hristo Manev, Asen Hristov

Abstract. *This work presents the educational standards of an interdisciplinary master's degree program in Biostatistics. The education in it is carried out jointly by University of Plovdiv Paisii Hilendarski and Medical University of Plovdiv. The aim is to educate highly qualified specialists in Biostatistics (Biometrics). Students acquire knowledge in modern aspects of the theory of the specialty, as well as practical skills for conducting relevant statistical studies. This pioneering program for the country is designed to meet the growing needs of biostatistics professionals to integrate into teams for modeling and analyzing processes and phenomena in the field of natural sciences for living systems and medicine. In this paper, general characteristics of the specialty, specific knowledge and skills, and possibilities of professional realization by its graduates are described.*

Key words: Biostatistics, Master's degree, University education, Educational standards.

Mathematics Subject Classification: 97B70, 97M10, 97M60

Mancho Manev^{1,2}, Hristo Manev², Asen Hristov¹,

¹ University of Plovdiv Paisii Hilendarski,
Faculty of Mathematics and Informatics,
24 Tzar Asen St, 4000 Plovdiv, Bulgaria;

² Medical University of Plovdiv,

Faculty of Pharmacy,

15A Vasil Aprilov Blvd, 4002 Plovdiv, Bulgaria;

Corresponding author: mmanev@uni-plovdiv.bg