

PREDICTION MODEL OF EFFECTIVE STUDIES AT THE ACADEMY OF CRIMINALISTIC AND POLICE STUDIES

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Summary: The paper deals with the connection between the input characteristics of students of the Academy of Criminalistic and Police Studies in Belgrade related to the acquired and inherited values and effective studying. Data collection was performed using the questionnaire technique on a sample of 120 students and the logic regression method. The questionnaire comprised 11 closed questions, 10 relating to predictor variables (gender, high school, success in high school, place in which it was finished, going in for sport, respondent's family and financial situation, whether a member of the family is employed by the Ministry of Interior and the course of studies), and one relating to the criterion variable (studying without repeating years). The results of logic regression showed that the overall model explains between 40.4% and 55.7% of variance in the status of effective studying, and it correctly classified 83.6% of cases. Only five predictor variables provided a unique statistically significant contribution to the model. The paper proved that if a student had a specific set of inherited and acquired characteristics, probability that he/she would study effectively is significantly increased. The paper proved that higher police education institutions should pay attention to the inherited and acquired characteristics at the entrance examination. Unlike any previous research, the paper deals with desired characteristics modelling implying that the candidate has increased chances to study effectively.

Keywords: prediction model, effective study, acquired and inherited values, criminalistic and police studies.

Pages 135-147