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SUMMARY OF UKRAINIAN MASTER DEGREE STANDARDS IN INFORMATION SYSTEMS FOR THE MASTIS PROJECT

Vinnytsia National Technical University is one of the sixteen universities from Ukraine, Montenegro, Federal Republic of Germany, Norway, Italy, Lithuania, the Republic of Slovenia, the Kingdom of Sweden, the Principality of Liechtenstein and French Republic which are involved in the international project MASTIS [1] "Creation of a modern master's program in information systems" that is funded by the European Union within the program ERASMUS +.

The main goal of the project is to improve the master's program, and it requires synthesis of information on standards of master's training in information systems from leading Ukrainian universities and on Ukrainian professional standard of the expert in information systems [2].

Experience has shown that it's impossible to confine achievement of this goal to the analysis of the Ukrainian master's training standards information on standards of bachelors should also be summarized, because most master's skills are complex and must be based on a system of competences and skills that specialist has already received.

Analysis of Ukrainian standards of training the experts in information systems showed that to get the qualification they should master a wide range of modern information technologies, skills in designing, programming and supporting the systems, understanding the domain object of automated operation, methods and techniques of project operating robots, and also a number of social skills which are necessary for successful work in a team and promotion of projects created by others. Author formed a model of compliance with functional responsibilities, positions and qualifications, which are summarized in the table below.

Qualifications and degrees of standard of a specialist in information systems in comparison with major IT- professions

Profession / skill levels	1	2	3	4	5	6	7
The programmer / tester	JB	B	M	M	-	-	-
System architect	-	-	B	M	M	M	-
Specialist in information systems	JB	B	B	M	M	M	
Systems analyst	-	B	M	M	M	-	-
Specialist in system administration	JB	B	M	M	M	-	-
Information Technology Manager	-	-	-	M	M	M	M
Sales Manager of Complex Systems	JB	B	B	M	M	M	M
Specialist on information resources	- / JB	JB / B	B	M	M	-	-
Administrator databases	-	B	B	M	M	-	-

Where: JB - Junior bachelor, B - bachelor, M - Master.

The table shows that college graduates are involved at the primary qualification levels for five of named professions, for one of them secondary education is included. Starting with the second qualification for all professions graduates of higher education are required.

Thus, basing on content of Ukrainian professional standards of training in information systems the author formed generalized professional description of functional responsibilities and knowledge corresponding to them, skills, personal traits, occupational and universal competencies which are required for graduate of master degree qualification for effective professional solution of problems.

List of references:

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