

## ABOUT THE CORRELATION OF REQUIREMENTS TO GENERAL AND PROFESSIONAL COMPETENCES OF THE SPECIALISTS IN INFORMATION SYSTEMS

Work is being done to develop Master's degree standards of Information Systems and Technologies. The alignment of the standards with European approaches and requirements is an urgent problem, in order to provide the academic mobility of students and staff.

To solve this problem the project MASTIS [1] was started where by the main approaches to the development of standard are investigated and formed. Scientific and methodological research concerning the education in a branch of Information Systems and Technologies are held in many universities and institutions. In addition the standards are published: manager, supervisor, an expert on information technology. However developing different standards there is an existence of different views on the correlation in amount of requirements for general and professional masters competences [2].

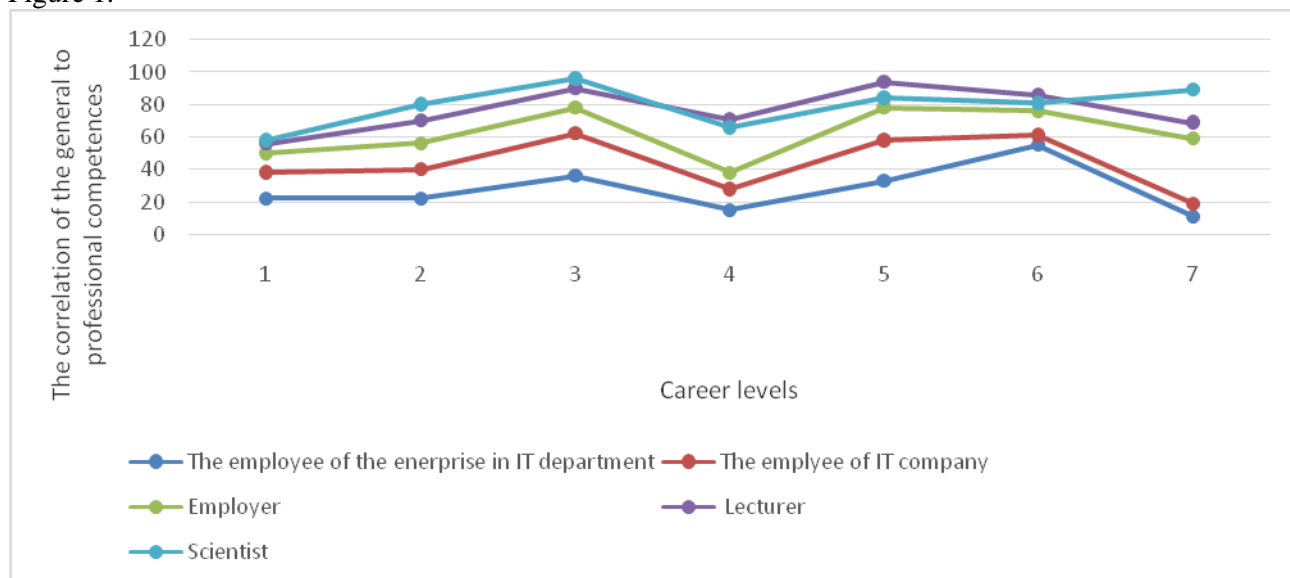
The main aim of this work (activity, article) is the analysis of correlation in amount of requirements for general and professional masters competences according to the opinion of the managers of IT companies.(enterprises) .

General competences include the ability to plan and control time, the ability to communicate in a foreign language, the use of information and communication technology skills, the ability to learn and obtain knowledge, the ability to generate ideas (creativity), ability to identify, set and solve problems; ability to work in a team; skills in interpersonal cooperation, ability to develop and manage projects, to assess and ensure the quality of the executed work. Professional It-Competence include the ability to develop, use, research, and teaching issues concerning software, hardware, mathematical and organizational support for information systems.

Research shows that the requirements for general and professional competences of career change.

For the analysis, developed questionnaires for survey specialists and selected Saaty method of paired comparisons. There were 40 questionnaires proposed (for different careers and levels of different activities: IT company, IT department of the company, entrepreneur, teacher, scientist).

Results of assessment ratio of general and professional competences (percentage) shown in Figure 1.



From this we can conclude that in addition to general knowledge important to be able to work independently. Among the many requirements remains one constant - is team work.

Literature:

- 1.MASTIS\_ Home (electronic document) - Access: <http://mastis.pro/>
2. Professional standard "A specialist on Information Systems" [Electron resource]. Mode of access: <http://mon.gov.ua/activity/education/vishha/suchasna-it-osvita-v-ukrayini.html>

