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CLASSIFICATION OF ONLINE COURSES ON INFORMATION SYSTEMS

The **problem** of standards harmonization becomes more attractive at present. The important part of this problem is harmonization of standards on education. This paper is devoted to establishing modern studies in information systems. One of the ways of the problem solving is MASTIS project [1]. The members of this project work at harmonization of European standards on study of information systems.

The major task of standard harmonization is to determine the competencies the students have to get after graduate. These competencies should largely match the employer's requirements. The online courses can be used to study the employer's requirements for this purpose. There are many available online courses on information systems, therefore the **task** of online courses classification becomes important.

To **solve this task** the online courses classification has been proposed. This classification is based on analysis of courses of popular online services such as [2,3].

Taking into account the analysis of online courses the classification criteria should be: degree level, category and subjects.

According to the criteria of degree level courses can be divided into:

- Associates.
- Bachelor's.
- Master's.
- Doctorate.

The courses of information systems can belong to such categories:

- Computer Sciences.
- Business & Management.
- Data analysis.
- Information Systems.
- Engineering.

The main subjects of information systems are:

- Information Security.
- Programming.
- Computer networking.
- Application Development.
- Web Development.
- Database Management.
- Project Management.
- Data Analysis.

Conclusions. Thus, the online courses of information systems has been analyzed. The classification of online courses, based on this analysis, has been proposed. This classification shows the relationship between different computer study branches (categories) and provides ability to form the list of competencies the employer needs using subjects.

List of references:

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