"DATA WAREHOUSES AND OLAP-SYSTEMS"
(name of the discipline)
ANNOTATION
TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION
specialty 7-06-0612-03 system information management

	Form of higher education	
	Full-time	**Correspondence**
Course	1	1
Semester	2	2
Lectures, hours	34	8
Laboratory hours	34	8
Exam, semester	2	2
Classroom hours in the educational discipline	68	16
Independent work, hours	40	92
Total hours of the discipline / credit units	108/3	

1.Summary of the contents of the study discipline
Formation of the student's knowledge, abilities, skills necessary for the design, implementation, implementation, maintenance of data storages and OLAP-systems for automated information processing systems

2 Learning objectives
As a result of the study of the discipline, the student should
know:
- data models used to build repositories;
- peculiarities of building systems based on data storages;
- the basic principles of building OLAP systems;
be able to:
- design the structure of data warehouses;
- determine the possibilities of applying data mining technologies;
have the skill:
- design solutions based on data warehouse technologies; determine the possibilities of applying data mining technologies; possess:
- skills in designing solutions based on data warehouse technologies and OLAP-systems according to the tasks set;
- basics of multivariate data analysis.

3. Competencies to be formed
SK-8 Use technologies of data warehouse development, methods of building OLAP cubes in creating information-analytical systems.

4 Requirements and forms of current and interim certification.
Current - ZLR, intermediate - exam.