Academic discipline:
"Information systems and technologies"

Code and name of specialty	1-26 03 01 Information Resource Management
Training course	2
Semester of training	3/4
Number of class hours:	116
Lectures	58
Seminar classes	-
Practical exercises	-
Laboratory classes	58
Form of intermediate assessment (credit/ differential credit/exam)	credit/exam
Number of credits	6
Competencies to be formed	The ability to solve problems, develop plans and ensure their implementation in a chosen field of professional activity

Summary of the content of the academic discipline:

Modeling of reality in information systems (IS), structured, poorly structured, unstructured domain models. The project approach as a technology for the implementation of strategic goals. Project management standards. The basic concepts of project management. Types of IP. Corporate IP. Methodologies of volume and calendar planning, planning of the need for materials, planning of the need for capacities, planning of production resources, resources of the corporation. Characteristics of ERP systems. Technologies of decision support systems, data storage. Modeling using BPwin software. An architectural approach to the creation of information systems, the Zahman model. The architectural approach is the basis for managing the development of an information system. The ITIL (Information Technology Infrastructure Library) project. The ITILVITSM model as a whole. A block of service provision processes. The process of managing the service level. The financial management process of the IP service. The process of capacity management. The availability management process. The process of managing the continuity of information technology services. The security management process.