

**The name of the academic discipline:
“Design of Economic Information Systems”**

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| Specialty code and name | 1- 26 03 01 Information Resource Management |
| Year of study | 3 |
| Semester of study | 6 |
| Number of in-class academic hours: | 70 |
| Lectures | 30 |
| Seminar classes | - |
| Practical classes | - |
| Laboratory classes | 40 |
| Form of the current assessment (<i>credit/ graded credit /exam</i>) | exam |
| Number of credit points | 4 |
| Competences | Mastering the academic discipline “Design of Economic Information Systems” ensures the formation of specialized competence: to use information technologies for the formation of subject area models and databases for the development of information systems in economics, management and production |
| <p style="text-align: center;">Summary of the academic discipline:</p> <p>The main objectives of the academic discipline are</p> <ul style="list-style-type: none"> - conducting a pre-project survey, identifying the customer’s information needs and forming requirements for the designed information system (hereinafter referred to as IS); - studying the methodological foundations of IS design and organizing IS design work; - studying issues related to the formation of technical specifications for IS design; - studying the canonical design of IS; - studying the fundamentals of functionally-oriented design; - studying the conceptual foundations of object-oriented design, including the UML language; - studying the methodologies and technologies for designing software that support IS subsystems; - studying issues of industrial IS design based on prototype and typical IS design. | |