

**Academic discipline:****t**

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| <b>Code and name of specialty</b>   | 1-26 03 01 Information Resource Management   |
| <b>Training course</b>  | 2  |
| <b>Semester of training</b>   | 4  |
| <b>Number of class hours:</b>   | 60   |
| <b>Lectures</b>   | 30   |
| <b>Seminar classes</b>  | -  |
| <b>Practical exercises</b>  | -  |
| <b>Laboratory classes</b>   | 30   |
| <b>Form of intermediate assessment (credit/differential credit/exam)</b>  | credit   |
| <b>Number of credits</b>  | 3  |
| <b>Competencies to be formed</b>  | To use information and information resources to solve management tasks and analyze the effectiveness of the use of information resources and systems |
| <b>Summary of the content of the academic discipline:</b>   |  |
| General information about signals. Quantification of information. Sources of discrete and continuous messages. Information characteristics of continuous and discrete communication channels. Encoding of information during transmission over a discrete channel without interference. Message compression. Encoding as a means of cryptographic closure of information. Identification and authentication of users. Digital steganography. Encoding of information during transmission over a discrete channel with interference. |  |