**The name of the academic discipline:**

**“Business Analytics”**

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| **Specialty code and name** | 1-25 01 12 Economic Informatics |
| **Year of study** | 4 |
| **Semester of study** | 7 |
| **Number of in-class academic hours:** | 62 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 26 |
| - |
| - |
| 36 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam |
| **Number of credit points** | 3 |
| **Competences** | Mastering the academic discipline “Business Analytics” should ensure the formation of specialized competence: applying the principles of building data warehouses and using typical methods of data mining when solving problems of increasing business efficiency |
| **Summary of the academic discipline:**“Business Analytics” is a practical-oriented academic discipline, the development of which includes work in the following areas: – mastering the basic principles of collecting, organizing and storing source data for business analytics; – studying the architecture of modern information and analytical systems; – mastering the basic methods of intellectual analysis in business; – forming an understanding of modeling, forecasting and the specifics of their application in intellectual analysis using artificial neural networks; genetic algorithms; Bayesian approach. |