**The name of the academic discipline:**

**“Econometrics”**

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| **Specialty code and name** | 6-05-0412-02 Business Administration |
| **Year of study** | 2 |
| **Semester of study** | 4 |
| **Number of in-class academic hours:** | 16 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 8 |
| - |
| - |
| 8 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | Mastering the academic discipline “Econometrics” should ensure the formation of basic professional competencies: applying concepts, methods of econometrics, econometric models and tools for quantitative assessment of statistical dependencies of indicators of socio-economic development; applying basic methods of quantitative analysis, modeling and optimization of econometric models to solve management problems |
| **Summary of the academic discipline:**  In the process of teaching the discipline “Econometrics” the stages of the emergence and development of econometrics are considered, methods of construction and quality assessment of pair and multiple regressions are studied; the phenomena of multicollinearity and heteroscedasticity of random residuals are studied, as well as forecasting based on the multiple regression model. The possibilities of constructing regression with different types of variables, different types of regression with dummy variables are studied; econometrics of time series is considered. | |