**The name of the academic discipline:**

**“General Biochemistry”**

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| **Specialty code and name** | 6-05-0511-04 Biomedical Science |
| **Year of study** | 2 |
| **Semester of study** | 4 |
| **Number of in-class academic hours:** | 134 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 6 |
| 26 |
| - |
| 44 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 2 |
| **Competences** | Mastering the academic discipline “General Biochemistry” should ensure the formation of specialized competencies: using the patterns of the most important organic reactions, biochemical principles of cell functioning, methods of biochemical analysis to assess life processes in norm and pathology. |
| **Summary of the academic discipline:**  The academic discipline “General Biochemistry” is the basis for further mastering by students of special disciplines related to medicine, biology and current problems of ecology "General Ecology", "Molecular Biology", "Biotechnology". "Fundamentals of Medical Chemistry". Knowledge of various topics of the course "General Biochemistry" allows you to understand the commonality of chemical processes occurring in nature, as well as to clarify the mechanisms of chemical and enzymatic reactions in bacterial cells and cells of animal and plant origin. | |