**The name of the academic discipline:**

**“Genetics”**

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| **Specialty code and name** | 6-05-0511-04 Biomedical Science |
| **Year of study** | 2 |
| **Semester of study** | 3-4 |
| **Number of in-class academic hours:** | 172 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 96 |
| - |
| 14 |
| 62 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit / exam |
| **Number of credit points** | 9 |
| **Competences** | Mastering the academic discipline “Genetics” should ensure the formation of basic professional competencies: using knowledge of the cellular organization of biological objects, membrane processes and molecular mechanisms of the functioning of various human systems and organs, modern achievements of genetics and selection. |
| **Summary of the academic discipline:**  The academic discipline "Genetics" is one of the fundamental disciplines in the system of biological education. Studying this discipline will allow you to obtain fundamental knowledge in the field of classical and modern biology and apply it in further practical activities. The course of genetics is associated with such biological disciplines as "Genetic Engineering", "Molecular Biology", "Biotechnology", "Histology with the Basics of Embryology", "Plant Physiology", "Human Physiology", "Basics of Biochemistry" | |