**The name of the academic discipline:**

**“Physiology”**

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| **Specialty code and name** | 6-05-0115-01 Physical Culture Education |
| **Year of study** | 2 |
| **Semester of study** | 3, 4 |
| **Number of in-class academic hours:** | 130 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 56 |
| 48 |
| - |
| 26 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit / exam |
| **Number of credit points** | 6 |
| **Competences** | To determine and evaluate functional indicators characterizing the vital activity of the main body systems; use physiological methods in professional activities. |
| **Summary of the academic discipline:**The academic discipline “Physiology” gives an idea of ​​the vital processes of the whole organism. The course covers such issues as irritability, electrical phenomena in excitable tissues, physiology of reception, nervous and endocrine systems, their interaction in a single integrative mechanism of regulation of functions. The internal environment of the organism (blood, tissue fluid, lymph), hemodynamics, physiology of the heart, lymph circulation, processes of respiration, digestion, excretion, metabolism and other functions are considered in detail, taking into account the molecular, cellular, tissue, organ, systemic and behavioral levels of modern study. |