**The name of the academic discipline:**

**“Distributed Computing”**

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| **Specialty code and name** | 6-05-0612-01 Software Engineering |
| **Year of study** | 2 |
| **Semester of study** | 3 |
| **Number of in-class academic hours:** | 34 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 16 |
| - |
| - |
| 18 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 2 |
| **Competences** | Mastering the academic discipline “Distributed Computing” should ensure the formation of specialized competence: applying methods of analyzing data flows in distributed computing systems of various architectures and technologies for developing the corresponding software. |
| **Summary of the academic discipline:**  The relevance of studying the discipline “Distributed Computing” is associated with the need to process large amounts of data and physical limitations imposed on the performance of a single computer.  The purpose of the academic discipline is to introduce students to distributed computing technologies and applications, analyze the architecture of computing systems, introduce students to the basic principles of distributed computing, and instill in students programming skills using MPI and OpenMP technology. | |