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| **Study program:** Master studies Chemistry |
| **Course title: Study research work (H227C)** |
| **Name of lecturer/lecturers: All teachers teaching in the study program** |
| **Type of course: compulsory** |
| **Number of ECTS allocated: 4** |
| **Course objectives**Acquiring scientific and professional applied knowledge for solving specific tasks from practice. Developing a methodology for approaching the task, assessing its structure and complexity, proposing ways to solve it. |
| **Course outcomes**The student is able to independently apply previously acquired knowledge from various fields of chemistry to the critical assessment of the assigned task, its systematic analysis and suggests possible solutions. Independently, methodically and systematically approaches the execution of the assigned task, respecting both his own and the roles of other colleagues in the professional hierarchy. He is able to apply the acquired knowledge to new tasks and to solve them in an efficient way. |
| **SYLLABUS**According to his interests and inclinations, the student chooses the field of study work and defines a specific task with the subject teacher. The student prepares for the realization of the set goal and conducts certain experiments. Study work includes the study of literature, design of experiments, implementation of experiments, data processing and preparation of a seminar paper in the field to which the subject of the study research work belongs. |
| **References**In accordance with the field of the student's study research work. |
| **Active teaching classes** | **Student’s research work** |
| **Teaching mode: Practical teaching consultations** |
| **ASSESSMENT METHODS AND CRITERIA (Max 100 points)** |
| **Pre exam duties** | **Points** | **Final exam**  | **Points** |
| Seminar | 50 | Oral examination | 50 |