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| **Study program** Master Studies Chemistry |
| **Course title** Professional practice (H217C) |
| **Name of lecturer/lecturers** All teachers who teach in the study program |
| **Type of course :** Obligatory |
| **Number of ECTS allocated**  3 |
| **Course objectives**Acquiring the necessary knowledge about the organization, functioning, business and management of institutions who deal with jobs within the profession for which the student is trained. Training students to apply previously acquired knowledge in a real environment. |
| **Course outcomes**When a student complete the professional practice successfully, he will be able to: review the specifics of the chosen institution where the professional practice was carried out, and compare it with their own academic knowledge; understand and explain the way of functioning of the institution where he did his internship in organizational and professional terms; to successfully cooperate with a team members in setting tasks, choosing the way to solve the set goal, creating an efficient organizational scheme for the fulfillment of the task, up-to-date management of documentation and practical implementation; present the results of his practical work in written form -professional practice diary and seminar paper, and oral presentation. |
| **SYLLABUS***Lectures*The content of the professional practice is formed for each student separately in agreement with the teacher who manages the professional practice and a representative of the economic organization or institution where the professional practice is carried out. Professional practice is realized in production companies, institutes, scientific research institutions or higher education institutions, in the private or public sector, where various activities related to chemistry are performed. The choice of the institution is carried out in consultation with the teacher who manages the professional practice. During the professional practice, the student becomes familiar with the organization of the institution, its business goals, the place of the organizational unit in which he performs the professional practice and its internal organization and regularly fulfills his work obligations. |
| **References**The choice of literature is in accordance with the specific thematic unit of the student's professional practice |
| **Active teaching classes** |  | **Other classes** 90 |
| **Teaching mode**The student from the list of offered institutions, in agreement with the teacher who manages the professional practice, chooses the place of professional practice. The student receives written instruction for professional practice, and he contacts the person responsible for his performance in the chosen institution. The internship is realized through independent work, with consultations and writing a diary in which the student describes the activities and jobs he performed during the professional internship. After the completed internship, based on the diary of the student and the employee of the company that was responsible for the student, the company's signature and seal confirm that the internship has been completed. The criteria for the success of professional practice are regular attendance, active participation in work and the quality of diary writing. At the end of the internship, the student writes a seminar paper and presents it orally. |
| **ASSESSMENT METHODS AND CRITERIA (Max 100 points)** |
| **Pre exam duties** | **Points** | **Final exam**  | **Points** |
| Professional practice | 40 | Written examination | - |
| Diary of practice | 10 | Oral examination | 30 |
| Seminar | 20 |  |  |