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| **Study program** Undergraduate Studies |
| **Course title** Professional practice 1 (H125C) |
| **Name of lecturer/lecturers**  all teachers engaged in teaching at OAS Chemistry |
| **Type of course** Obligatory |
| **Number of ECTS allocated 7** |
| **Course objectives** The objective of professional practice is to acquire applicable practical knowledge and skills in the field of chemistry in reality. Professionalpractice should enable the student to easily connect theoretical knowledge and skills with professional work. |
| **Course outcomes**. After completing Professional Practice 1, the student should:- gained practical experience on the way of organizing and functioning of chemical laboratories in which the student expects to apply the acquired knowledge in his future professional career.- be capable of teamwork.- posts the hierarchy, recognizes his role in the team and takes on a certain number of tasks per evaluates the mentor, gets to know and participates in the work of the laboratory to a limited extent, to certain activities carried out independently or as a team.- through professional practice, it allows theoretical and limited practical knowledge to expand and integrates into realistically applicable laboratory skills. |
| **SYLLABUS***Lectures* In agreement with the teacher who manages professional practice, the student, according to his interests and preferences, and according to capacity possibilities, chooses the research laboratory of the Department for chemistry, Faculty of Science and Mathematics in Niš, where he will do his professional practice. Through the fifteen-day stay in the chosen laboratory, the student gets to know the organization and functioning of the laboratory and becomes more familiar with current research in the field of general and inorganic chemistry, analytical and physical chemistry, organic chemistry and biochemistry, or applied and industrial chemistry. After completing the professional practice, the student writes a Professional Practice Diary in the form agreed with the responsible teacher. The teacher who manages professional practice evaluates and certifies Professional Practice Diary |
| **References**In agreement with the teacher who manages professional practice. The literature is specific to each Professional practice. |
| **Active teaching classes** | **Other classes 30** |  |
| **Teaching mode** practical work  |
| **ASSESSMENT METHODS AND CRITERIA (Max 100 points)** |
| **Pre exam duties** | **Points** | **Final exam**  | **Points** |
| Professional practice  | 70 | Professional Practice Diary | 30 |