

<b>STUDY PROGRAMME</b>	<b>CHEMICAL ANALYSIS, 653F18001</b>
<b>SUBJECT AND PRACTICE TITLE</b>	<b>Final Practice</b>
<b>NUMBER OF CREDITS</b>	9
<b>DURATION OF PRACTICE</b>	Total: 240 hours (144 contact hours, 96 self-study hours)
<b>PRACTICE PERIOD</b>	Spring Semester
<b>PRACTICE CONTENT</b>	<p><b>Subject objective</b> Develop professional competences of a qualified chemical analysis specialist and develop practical skills. Conduct a chemical/biochemical analysis and collect material for the final thesis.</p> <p><b>Learning outcomes</b> <i>Be able to:</i> apply the chemistry/biochemistry literature search skills in practice; analyse and organise scientific material, collected from various information sources; to deepen the knowledge in the chosen study area independently; plan the chemical/biochemical analysis according to the thesis theme; choose the right laboratory equipment and operate it safely; prepare solutions for the chemical/biochemical analysis independently and safely; verify practically advantages and disadvantages of testing methods, to choose the optimal chemical/biochemical analysis method; choose materials needed for the chemical/biochemical analysis; take representative samples for the chemical/biochemical analysis; follow the standards and standardised chemical research methodologies for a quality chemical/biochemical analysis and assess it by economic calculations; determine the quality parameters and evaluate results of the conducted chemical analysis; practically apply chemical information and result calculation and processing skills; evaluate and interpret the results of a conducted chemical/biochemical analysis and draw conclusions; present the results of a conducted chemical/biochemical analysis; to analyse and evaluate the laboratory activity in accordance with work, fire and environmental safety requirements.</p>
<b>ASSESSMENT</b>	The final assessment is a cumulative score, which is the sum of the intermediate settlement received during the practice at the enterprise and practice report preparation and defence assessments multiplied by their respective quotients.
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