

Table 5.2B: Graduation thesis specification

Study programme: Specialized academic studies of methodology of chemistry teaching
Level: second level
ECTS: 20
Requirements:
Goals of Graduation Thesis: Training students for professional research work in the teaching process of chemistry teaching course.
Expected outcomes: Defended final thesis in professional-applicative area.
General contents: The specialized thesis is the student's research thesis in professional-applicative area. During the final thesis the student is familiarized with the specific methodology of research in the area of teaching chemistry methodology. The student, in agreement with the mentor of the final thesis, prepares a research project and conducts the research. Upon conducting research the student elaborates the results and writes the specialist thesis. The specialized thesis contains argumentation for the selection of research problems, introduction, theoretical part, and explained research methodology, description of the research and the research results, discussion on the results, final remarks and the list of references. Upon completion of the specialist thesis the student can take up the public defense.
Methodology: The specialized thesis can be a research thesis (experimental or other research thesis) or review thesis, and is of professional character. In making the specialized thesis the usual methods of research in teaching are used: descriptive, analytical methods (especially comparative analysis), method of pedagogical experiment and other. For the result processing the relevant statistical procedures are used.
Grading (maximum number of points is 100)
Quality of the graduation thesis: 70
Quality of written and oral presentation: 30