

**Table 5.2B : Diploma thesis specification**

<b>Study programme: Undergraduate Academic Studies in Biochemistry</b>		
<b>Level:</b> Bachelor with Honours		
<b>Final (diploma) thesis</b>	<b>Course code:</b>	DBH-401
<b>ECTS:</b> 12		
<b>Requirement:</b> Passed all mandatory and corresponding number of elective courses		
<b>The objectives of the final work:</b> Enabling students to conduct independently experimental and theoretical work, in order to solve scientific and technical problems from selected scientific disciplines.		
<b>Expected outcomes:</b> Mastering basic experimental methods and techniques of scientific and research work in the area of a selected scientific discipline. By solving both theoretical and practical chemical and biochemical problems, the student re-establishes and expands knowledge acquired during their studies. During drafting and defending of the final work the student acquires the following abilities: - to collect scientific and technical literature, both domestic and foreign, relevant to the selected scientific field, - to formulate a problem in a factual scientific manner and draw conclusions by taking into account scientific, social and ethical values, - to design, plan, implement and control experiments, - to process and scientifically interpret experimental data, - to draw scientifically based conclusions.		
<b>General contents:</b> Theoretical lectures: To read original scientific or published works from journals or monographs relevant to the specific topic of the final work, and exchange theoretical and practical knowledge with the mentor. Practical lectures: Solving of simple theoretical - applicative issues of interest to the scientific - research problem. In a relevant laboratory, the student is familiarised with research methodology in chemistry and biochemistry. After having finalized the research, the student prepares the final written work that contains the following main chapters: Introduction, Experimental, Results and discussion, Conclusions, References. The form of the final work is set in a template which is part of the Statute of the University of Novi Sad Faculty of Sciences. The candidate is responsible for the authenticity and validity of the data, as well as the adequate listing of data sources referred to in the final paper. Finally, the student defends the final thesis.		
<b>Methods of implementation:</b> Collecting and studying of relevant literature. Collecting data from conducted experiments. Processing of experimental data. Writing the final work and its oral defence.		
<b>Score (maximum 100 points)</b>		
(1) The final thesis is defended in front of a three-members committee, all of them being university lecturers.		
(2) Defence of the thesis is conducted verbally and publicly.		
(3) The date, time and place of the defence is published on the notice board of the Faculty at least three days prior to the defence.		
(4) After the work has been presented and defended, the Commission withdraws for consultation and then publicly announces its decision that reads "the student defended the final work with the mark ..." or "the student failed to defend the final work."		
(5) The Commission decides on the work's defence by majority vote.		
(6) A student who did not defend the final work may require the assignment of another topic.		
(7) Another theme is usually granted from another subject.		
(8) The procedure for the second final thesis - drafting and defence, is the same as for the first one.		