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| **Study program:** Master studies Chemistry | | | |
| **Course title:** Master thesis (H229C) | | | |
| **Name of lecturer/lecturers:** All teachers teaching in the study program | | | |
| **Type of course:** compulsory | | | |
| **Number of ECTS allocated:** 2 | | | |
| **Course objectives**  The goal of this course is to involve the student in scientific research work, and enable him to independently approach the given problem, to familiarize himself with the literature in the subject area, to prepare, process and interpret his results applying scientific methodology. | | | |
| **Course outcomes**  Upon successful completion of this course, the student is able to: present the results of his research in written form in the form of a final paper; discuss and explain the results of his research; orally present the research results, i.e., master work; answer the questions related to the topic of his research. | | | |
| **SYLLABUS**  Under the guidance of the mentor, the student processes and interprets the research results and writes the final (master's) thesis. The final (master's) thesis contains an explanation of the research topic, introduction, theoretical part, applied research methodology, description of the research itself and research results, discussion of the results, concluding remarks, and a list of used literature. After completing the final (master's) thesis, the student approaches his public defense. | | | |
| **References**  Literature in accordance with the chosen topic of the master's thesis. | | | |
| **Active teaching classes** | **Other classes 30** | | |
| **Teaching mode:** The final (master's) paper can be a research paper (experimental or some other research paper) or a review paper. In the preparation of the final (master's) work, methods appropriate to the chosen topic of the master's work are used. | | | |
| **ASSESSMENT METHODS AND CRITERIA (Max 100 points)** | | | |
| **Pre exam duties** | **Points** | **Final exam** | **Points** |
| Master thesis | 60 | Oral examination | 40 |