

Bohdan Hrytsenko

born on 24 November 2001 in Tscherkassy

Student ID 108024237705

Chemistry with the degree Master (Single Major)

**CREDIT
POINTS**

GRADE
German grading system

Courses undertaken at the V.N. Karazin Kharkiv National University Ukraine

Molecular Dynamics Simulation of Nanoscale and Disordered Condensed Systems	7	1,4	very good
Cheminformatics and Chemometrics	4	1,7	good
Bioorganic Chemistry	5	2,7	good
Ecoanalytical Chemistry	3	2,7	good
Methods of teaching in higher education school	3	1,6	good
Labor protection in the industry	3	2,6	good
Physical research methods	8	2,4	good
Applied quantum Chemistry	7	2,0	good
Theoretical methods of surface and solid state Chemistry	4	2,6	good
Topical issues of Physical Chemistry	3	2,3	good
Physical Chemistry of non-aqueous solutions	3	2,0	good
Crystallochemistry and X-ray analysis	4	3,1	satisfactory
Intellectual property rights	3	3,4	satisfactory
Factors of successful employment	3	1,0	very Good

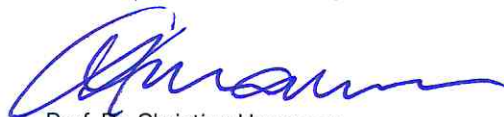
Practical Science and Communication	2	ungraded	passed
Atomistic Simulations with Machine Learning	5	2,3	good
Focal Point Practical: Properties of Water at Manganese-Doped Zinc Oxide	15	1,3	very good
In-depth Practical: Theoretical Chemistry - Electron Structure Calculations	8	1,3	very good
Master Thesis:	30	1,3	very good

Properties of Water at Zinc Oxide using a High-Dimensional Neural Network Potential

TOTAL CREDIT POINTS/GRADE in Chemistry	120	1,7	good
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GRADING SCHEME ANNOTATIONS (GERMAN): **passed** (ungraded passed result); 1.0 to 1.5 **very good** (an excellent grade); 1.6 to 2.5 **good** (a grade considerably above average requirements); 2.6 to 3.5 **satisfactory** (a grade fulfilling the average requirements); 3.6 to 4.0 **sufficient** (a grade fulfilling the basic requirements, though having its shortcomings); above 4.0 **fail** (a grade not fulfilling the basic requirements due to considerable shortcomings); **failed** (ungraded not passed result). n.a. = not applicable

Bochum, 10th October 2025



Prof. Dr. Christian Herrmann
Head, Examination Board Chemistry

