

1.3. Pedagogy of teaching in ...

DOCTORAL PROGRAM

Teaching methodology in mathematics and informatics

OBJECTIVES OF THE DOCTORAL PROGRAM

1. The program prepares highly qualified scientific, research, and teaching staff with experience in experimental work in the field of pedagogical sciences and particularly in the teaching methodology of mathematics and informatics.
2. The program deepens the fundamental and professional competence for research, practical application, and teaching activities in the field of teaching methodology in mathematics and informatics.
3. The program forms modern scientific-theoretical and practical-applied knowledge, skills, and competences for independent research and teaching activities, for teamwork, and for the application of innovative and technological achievements in the field of teaching methodology in mathematics and informatics.
4. The program builds methodological experience in analysing the results of scientific research and substantiating the recommendations related to the functioning of the educational system and, particularly in the mathematical and informatics training of students.
5. The program improves language training in the chosen foreign language in connection with its use in the doctoral student's professional activity.