

## **OVERVIEW OF THE DISSERTATION**

**Full name:** Tran Xuan Bo.

**Official thesis title:** Training of Maths teaching skills for students of Primary Education under collaborative learning approach.

**Major:** Education (Primary)      **Code:** 9 14 01 01;

**Training Unit:** Hanoi Pedagogical University 2

### **1.1. The research purpose**

The thesis aims at clarifying the theoretical basis in the theories of teaching skills and collaborative learning. Additionally, another purpose is to evaluate the status of Maths teaching skills of students in Primary Education and analyze the reasons resulting in the current situation. Finally, this thesis would propose measures to train Maths teaching skills under a collaborative learning approach for students in Primary Education in pedagogic universities in the current period.

### **1.2. The research objects**

The thesis focuses on the process of training Math teaching skills for students of Primary Education under the collaborative learning approach with the following main contents:

1) Research on the theoretical basis of implementing measures of training Math teaching skills for Primary Education students under the collaborative approach.

2) Survey the current situation of Math teaching skills of Primary Education students; The situation of training Maths teaching skills for Primary Education students in pedagogical institutions.

3) Build up measures to train Maths teaching skills for students of Primary Education.

4) Conduct pedagogical experiments to test the feasibility and effectiveness of the proposed measures.

## **2. Methodology**

The thesis uses the following methods: theoretical research methods (theoretical generalization, historical-logical analysis); practical research methods (observational method, questionnaire investigation method, interview, observation, pedagogical experimental method).

### **3. Findings and conclusion**

#### ***3.1. Findings***

The thesis focuses on training Maths teaching skills which include designing Maths lessons, teaching typical situations in teaching Mathematics in primary schools, handling pedagogical situations when teaching Maths in primary schools. These skills are potentially hidden in collaborative activities, exploiting students' cooperation well with other factors in order to form and develop Maths teaching skills which are very important for students of Primary Education that any pedagogical institution needs to prepare for students so that they can teach Maths in primary schools well after graduation.

#### ***3.2. Conclusion***

On the theoretical and practical basis, we specify the orientations from which to propose specific pedagogical measures to train Maths teaching skills under the collaborative learning approach.

After conducting experiments, we see that training Maths teaching skills for students in Primary Education under the collaborative learning approach needs to comply with the procedure to ensure the requirements of the skill training process. In any training activity, students should play the key role, being aware and practicing Math teaching skills through collaborative learning under teachers' orientation and supervision. The results of the pedagogical experiments have proved the precision of the proposed methods of training Math teaching skills under the collaborative learning approach.

**CONFIRMATION OF MAIN SUPERVISOR**

**PhD STUDENT**

**Assoc. Prof. Trinh Thanh Hai**

**Tran Xuan Bo**

