

STATE UNIVERSITY OF MEDAN

IMPLEMENTATION OF PROJECT-BASED LEARNING MODEL ON ACID-BASE MATERIAL TO IMPROVE LEARNING OUTCOMES AND ACTIVITIES STUDENTS SMAN 2 PERCUT SEI TUAN

THESIS

Submitted to Fulfill The Requirements for The Degree of Bachelor of Education

Safirda Hasanah IDN 4201131006 Bilingual Chemistry Education Study Program

CHEMISTRY DEPARTMENT FACULTY OF MATHEMATICS AND SCIENCE MEDAN JULY 2024