



UNIVERSITAS NEGERI MEDAN

**DEVELOPMENT OF E-MODULE BASED ON HIGHER ORDER
THINKING SKILLS (HOTS) INTEGRATED WITH DISCOVERY
LEARNING FOR THERMOCHEMISTRY MATERIAL**

THESIS

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

Mella Amilasti Naila

IDN. 4223131004

Bilingual Chemistry Education Study Program

**CHEMISTRY DEPARTMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
MEDAN
APRIL 2026**