



UNIVERSITAS NEGERI MEDAN

**DEVELOPMENT OF E-MODULE BASED ON PROBLEM
BASED LEARNING (PBL) MODEL USING CANVA ON
CHEMICAL BONDING**

THESIS

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

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Bilingual Chemistry Education Study Program

*THE
Character Building*
UNIVERSITAS NEGERI MEDAN

**CHEMISTRY DEPARTMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
MEDAN
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