



STATE UNIVERSITY OF MEDAN

**DEVELOPMENT OF STEM-BASED E-STUDENT WORKSHEETS
TO IMPROVE STUDENTS' LEARNING OUTCOMES ON
ELECTROLYTE AND NON-ELECTROLYTE
SOLUTION SUBJECT**

THESIS

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

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Bilingual Chemistry Education Study Program**

**CHEMISTRY DEPARTMENT
FACULTY OF MATHEMATICS AND SCIENCES
MEDAN
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