



UNIVERSITAS NEGERI MEDAN

**THE DEVELOPMENT OF VIRTUAL-BASED LEARNING MEDIA IN
SUPPORTING PROJECT-BASED LEARNING TO IMPROVE STUDENT
COMPETENCE IN CENTRIFUGE ANALYSIS**

THESIS

**Submitted to Fulfill Requirement for Degree of
Sarjana Pendidikan**



Yohana Elisabet

IDN. 4191131027

Bilingual Chemistry Education Study Program

**DEPARTMENT OF CHEMISTRY
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
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