## DEVELOPMENT OF PROBLEM BASED LEARNING DEVICES TO IMPROVE STUDENTS' MATHEMATICAL REASONING ABILITY AT GRADE XI SMAN 2 BALIGE

A.Y. 2018/2019

By

Jupiter H Simbolon

ID Number 4143312014

Bilingual Mathematics Education Study Program



## **THESIS**

Submitted in Partial Fulfillment of the Requirements for the Degree of Sarjana Pendidikan

MATHEMATICS DEPARTEMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
STATE UNIVERSITY OF MEDAN
MEDAN

2019