



**UNIVERSITAS NEGERI MEDAN**

**THE DEVELOPMENT OF FOUR-TIER DIAGNOSTIC TEST  
ASSISTED BY GOOGLE FORM TO IDENTIFICATE  
STUDENTS' PHYSICS LEARNING DIFFICULTIES  
ON EQUILIBRIUM OF RIGID BODY TOPICS**

**THESIS**

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

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**PHYSICS DEPARTMENT  
FACULTY OF MATHEMATICS AND NATURAL SCIENCE  
MEDAN  
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