



STATE UNIVERSITY OF MEDAN

**DEVELOPMENT OF STEM-BASED POCKETBOOK
LEARNING MEDIA ON THE TOPIC OF THE HUMAN
RESPIRATORY SYSTEM ON STUDENT LEARNING
OUTCOMES OF CLASS XI SMA MITRA
INALUM TANJUNG GADING TA 2023/2024**

THESIS

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

Fadhillah Rahma Purba

IDN 4193342004

Bilingual Biology Education Study Program

**BIOLOGY DEPARTMENT
FACULTY OF MATHEMATICS AND SCIENCE
MEDAN
NOVEMBER 2023**