

## THE INFLUENCE OF VIRTUAL LABORATORY TOWARDS STUDENTS' PROCEDURAL KNOWLEDGE AND SELF-EFFICACY ON DNA EXTRACTION EXPERIMENT IN THE BIOLOGY EDUCATION STUDY PROGRAM AT UNVERSITAS NEGERI MEDAN

## **THESIS**

Submitted to Fulfill Requirement for Degree of Sarjana Pendidikan

Dani Sasmita Ritonga NIM 4183141069 Bilingual Biology Education Study Program

DEPARTMENT OF BIOLOGY
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
MEDAN
JUNE 2022