

**THE EFFECT OF INDEX CARD MATCH MODEL ON STUDENTS LEARNING
OUTCOMES AND ACTIVITY IN ECOSYSTEM TOPIC FOR GRADE X
SMA NEGERI 8 MEDAN ACADEMIC YEAR 2013/2014**

By:

**Nanda Eska Anugrah Nasution
4103342010
Biology Bilingual Education**



THESIS

**Submitted to Fulfil The Requirement for The Degree of
Sarjana Pendidikan**

**BIOLOGY DEPARTMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCE
STATE UNIVERSITY OF MEDAN
MEDAN
2014**