

**THE COMPARISON OF STUDENTS' LEARNING OUTCOMES AND  
STUDENT ACTIVITIES THROUGH IMPLEMENTING PROBLEM  
BASED LEARNING AND GUIDED DISCOVERY METHOD  
ON HUMAN CIRCULATORY SYSTEM FOR 11<sup>TH</sup> GRADE  
STUDENT SMA NEGERI 1 TEBING TINGGI  
ACADEMIC YEAR 2012/2013**

**By:**

**METI AGUSTINA BUTAR BUTAR**

**408641009**

**Biology Bilingual Education**



**SKRIPSI**

**Submitted to the State University of Medan as a Fulfillment as  
Sarjana Pendidikan**

*THE  
Character Building*  
UNIVERSITY

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

**MEDAN**

**2013**