

**ANALYSIS OF KNOWLEDGE AND ATTITUDES TOWARD  
GENERAL BIOLOGY OF FACULTY MATHEMATIC  
AND NATURAL SCIENCES' STUDENTS  
STATE UNIVERSITY OF MEDAN**

**Naimatussyifa Daulay (SID 4121141015)**

**ABSTRACT**

This research aims to know knowledge and attitudes toward general biology of Faculty Mathematic and Natural Sciences' Students State University of Medan (FMIPA) included mathematic, physic, chemistry, and biology department. The research was conducted in FMIPA State University of Medan with population were all of students in education class FMIPA of 4<sup>th</sup> semester and the sample was taken by cluster random sampling, by takes one education class in each department. The kind of this research is descriptive quantitative. The total of knowledge test is 30 items number was validated before used to students is by expert validator in general biology 2 also test instrument by using validity test, reliability test, and difficulty level test, then there are 15 items number of questionnaire. The result of research are Biology department got better knowledge toward general biology 2 with categorized less (56.6%), good (26.7%), and very good (16.7%), then continue for chemistry department with categorized less (76.7%), good (20%), and very good (3.3%), mathematic department with categorized less (86.7%) and good (13.3%), and last physic' department with categorized less (96.7%) and good (3.3%). Mathematic, physic, chemistry, and biology of students department has most neutral for dimension attitudes and less awareness to love environmental. Students' most favorable attitudes were found toward participating in environmental activities by an institution or community is a good thing is very interesting because most of biology' students agree, then average neural answer for other students.

**Keyword : Students' Knowledge, Student's Attitudes, General Biology 2**