

## ABSTRAK

**Prayogi: Faktor-Faktor yang Memengaruhi Tingkat Penguasaan Materi Biologi Siswa Kelas XI IPA SMA Negeri se-Kota Medan. Tesis. Program Pascasarjana Universitas Negeri Medan (UNIMED). Medan. 2015.**

Penelitian ini bertujuan untuk mengetahui: (1) Pengaruh faktor internal (minat, kebiasaan belajar, jenis kelamin dan rencana kuliah); (2) Pengaruh faktor eksternal (perhatian orangtua, persepsi tentang guru dan bimbingan belajar) terhadap tingkat penguasaan materi biologi siswa kelas XI IPA SMA Negeri di kota Medan. Penelitian ini dilakukan di SMA Negeri Se-Kota Medan tahun 2015. Metode penelitian adalah penelitian *eks post facto* dengan sampel penelitian sebanyak 337 siswa yang ditentukan secara *purposive cluster random sampling* (sampel acak kelompok) yang diambil dari sembilan sekolah berdasarkan peringkat perolehan nilai rata-rata Ujian Nasional se kota Medan Tahun 2014. Instrumen penelitian menggunakan angket faktor internal dan eksternal yang berjumlah 42 butir pernyataan. Analisis data menggunakan uji korelasi dan regresi pada taraf signifikan  $\alpha = 0,05$ . Hasil penelitian dan pengujian analisis korelasi menunjukkan: (1) Terdapat pengaruh minat terhadap tingkat penguasaan materi biologi siswa SMA ( $r = 0,220$  ;  $P = 0,042$ ). (2) Tidak terdapat pengaruh kebiasaan belajar terhadap tingkat penguasaan materi biologi siswa SMA ( $P = 0,190 > 0,05$ ). (3) Terdapat pengaruh perhatian orangtua terhadap tingkat penguasaan materi biologi siswa SMA ( $r = 0,238$  ;  $P = 0,038$ ). (4) Tidak terdapat pengaruh persepsi terhadap guru terhadap tingkat penguasaan materi biologi siswa SMA ( $P = 0,227 > 0,05$ ). (5) Terdapat pengaruh jenis kelamin terhadap tingkat penguasaan materi biologi siswa SMA ( $F = 18,100$  ;  $P = 0,000$ ). (6) Terdapat pengaruh bimbingan belajar terhadap tingkat penguasaan materi biologi siswa SMA ( $F = 43,508$  ;  $P = 0,000$ )., dan (7) Tidak terdapat pengaruh rencana kuliah terhadap tingkat penguasaan materi biologi siswa SMA ( $F = 0,943$  ;  $P = 0,453 > 0,05$ ).

Kata kunci: Faktor internal, Faktor eksternal, Materi biologi

## ABSTACT

**Prayogi. The Factors which Affect Students' Mastery Level of Biology Matter to Science Students, Grade 11<sup>th</sup> in Medan. Thesis. Postgraduate Program, State University of Medan. Medan. 2015**

The objective of this study was to Find out: (1) the effect of internal factors (interest, learning habits, gender, and planning to college); (2) the effect of external factors (parent attention, perception about teachers, and learning course) to the students' mastery level of Biology matter to science students grade 11<sup>th</sup>. This research was carried out in Senior High School in Medan on 2015. This *ex-post facto* research was included 337 students from 9 Senior High School as the sample which taken by *purposive cluster random sampling*. The selection of the sample was based on the rank of average score of the national examination in 2014. The research instruments were the questionnaire of internal and external factors consist of 42 questions. The data analysis used the correlation and regression test with the significance level  $\alpha = 0.05$ . The results of analysis revealed: (1) there were the significant effect of students' interest to students' mastery level of biology matter ( $r = 0.220$ ;  $P = 0.042$ ); (2) there were no significant effect of learning habits to students' mastery level of biology matter ( $P = 0.190 > 0.05$ ); (3) there were the significant effect of parent attention to students' mastery level of biology matter ( $r = 0.238$ ;  $P = 0.038$ ); (4) ) there were no significant effect of perception to teachers to students' mastery level of biology matter ( $P = 0.227 > 0.05$ ); (5) there were the significant effect of gender to students' mastery level of biology matter ( $F = 18.100$ ;  $P = 0.000$ ); (6) there were the significant effect of learning course to students' mastery level of biology matter ( $F = 43.508$ ;  $P = 0.000$ ); and (7) there were no significant effect of perception to teachers to students' mastery level of biology matter ( $F = 0.943$ ;  $P = 0.453 > 0.05$ ).

Key Words : Internal factors, external factors, Matter mastery