

University student multi-dimensional intelligence, self-potency and research study wish relations

李美瑜、翁淑緣

E-mail: 9511379@mail.dyu.edu.tw

ABSTRACT

The purpose of this study is to investigate relationships among multiple intelligences, self-efficacy and learning intention for college students. Research instruments include multiple intelligences scale, self- efficiency scale and learning intention scale. 720 junior college students of eight departments are included in this study. The statistical methods used analysis data are descriptive statistics, Pearson product-moment correlation and multiple regression analysis. The result of this study shows : 1. The college students with different departments are found to have the strengths and weaknesses in their intelligences. 2. Multiple intelligences for college students have significant differences on genders and departments. Males are better at logical-mathematical, spatial, and bodily-kinesthetic intelligences than females. Verbal-linguistic, spatial, logical-mathematical, bodily-kinesthetic, musical, and intrapersonal intelligences for college students with different departments have significant differences. 3. Self-efficacy of majors and learning intention of majors for college students have no significant differences on genders. However, self-efficacy of majors and learning intention of majors for college students have significant differences on departments. 4. There is a positive relationship among multiple intelligences, self-efficacy of majors and learning intention of majors for college students. 5. The strength intelligence of college students can affect learning intention of majors and also affect learning intention of majors through self-efficacy of majors as interring variable. Finally, based on the results of this study, there are some suggestions offered.

Keywords : college students ; departments ; multiple intelligences ; self-efficacy ; learning intention

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