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The Effect of Introductory Physics Course on Life Sciences Students' Attitudes toward Physics

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Physics education research has shown that attitudes and beliefs influence students' in-class performance. The study examined changes in undergraduate molecular biology and genetics (MBG) students' attitudes toward physics before and after their introductory physics course. A total of 24 first-year MBGE students (Female:18, Male:6) enrolled in the General Physics I course during the Fall Semester of 2019-2020 participated in the study. This study's findings indicate positive and negative changes in certain sub-dimensions of attitudes toward physics. Nevertheless, the current practices in introductory physics courses are not generally effective in positively changing life science students' attitudes.

How would you like to present your contribution?

Live in Košice (time slot to be allotted based on the programme)

Target education level (primary)

University education

Target education level (secondary, optional)

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