

ABSTRACT

THESIS: A Study of a Hybrid Course in Non-Majors Biology: An Assessment of Changes in Student Attitudes and Levels of Engagement

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This study has presented a comprehensive overview of the context and significance of changes in attitudes and levels of engagement in Ball State University's BIO 100 class which is taught using the blended learning method. The evidence suggests that this method exhibits no significant overall change in attitudes or levels of engagement over the course of the semester. Several individual question couplets exhibited positive change. The combination of no significant overall change and positive couplet changes suggests that this method is a viable alternative to more traditional methods. In addition students overwhelmingly agree that this method of education should be used in other classes. Future research is needed to confirm the effects of this method. It is also paramount that as this method becomes implemented on larger scale training and coaching be available for students and faculty members. These services are necessary in order to achieve maximum method effectiveness.