

## SEMINARS ON BIOCHEMISTRY: IS AN EFFECTIVE METHODOLOGY IN THE PROCESS LEARNING/TEACHING?

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Introduction in Biochemistry is a discipline held by the Department of Biochemistry and Molecular Biology at UFC. It is offered to the students of the Sciences Centers. The majority of the classes employs as pedagogical tools, theoretical lectures and problem solving activities. To avoid that the learning process is restricted to memorizing, it was elaborated a learning project aiming a better comprehension of the explored content. The methodology included seminars given by the students on subjects analyzed on previous classes. These students were divided in two groups of ten members and each group was assigned to topics of carbohydrates metabolism with the approach on applied Biochemistry. After presentations, a survey was applied revealing that students approved this methodology. The reason given was a better perception of fundamental Biochemistry and its application to their professional field. The evaluation of this methodology was also done based on the grades and it was as follows: in the first evaluation before the seminars, the average score was 4.7 and after, in the second evaluation involving the seminars, the average increased to 7.18. The third and last evaluation without seminars, it was observed a reduction of the average score to 5.63. These results suggest that seminars on Biochemistry were an effective pedagogical methodology in the process of learning/teaching.