

## S25-2 To enhance students' sense of purpose to learning

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The increase of number of universities in Japan in spite of a decrease in the number of examinees is causing an issue of decline in academic ability of undergraduates. The diversification of selection methods also contributes to deterioration of the situation. Some students and teachers of high schools still have a prejudice that only chemistry is important in the entrance examination to School of Pharmacy. To study pharmaceutical sciences, biology is as important as chemistry, and the number of students having a lot of trouble getting biology course credits is increasing. Logical thinking based on the established knowledge in basic sciences is necessary for a successful clinical clerkship. However, students are inexperienced in attaining a logical thinking by using the knowledge learned in the classes. This is the reason that participatory learning is needed in studying basic pharmaceutical course. We made it compulsory for all of the second- and third-year students to take practice course in physics, chemistry and biology. In addition, a program in which a tutor conducts an individual practice of the intended students was carried out. Change in the students' sense of purpose to learning was admitted by changing the method and the environment of learning.