

S25-1 Attempts to improve basic academic ability at Tohoku Pharmaceutical University

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At our university, examinations are conducted in chemistry, biology, and physics, immediately after annual admission to confirm the basic academic ability of freshmen. The results show that lack of basic academic ability has been escalating yearly since 2006 and urgent countermeasures are clearly required. In this symposium, we will introduce some attempts at our university to improve basic academic ability.

1) Introducing practice courses: In addition to the aforementioned three subjects, statistics practice is offered in the first year. Although these are elective subjects, there are many participants. In particular, 97% of the current first-year students are taking general chemistry practice.

2) Implementing midterm and confirmation examinations: From this year, mid-term examinations will be held in each semester of the first and second years, and confirmation examinations will be held in early April of the second to fourth years, with the aim of providing reciprocal feedback between teachers and students.

3) Holding basic chemical calculation study groups: These study groups are conducted through one-on-one teaching, which is believed to be highly effective for improving student motivation for learning and comprehension. These are optional groups, but more students than anticipated are participating.

We will also discuss how the students are disposed toward these initiatives.