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Reviewer #1's comment

1. Abstract

a. Make sure the title

Response to the Reviewer 1:

THE RELATIONSHIP OF BASIC CHEMICAL CONCEPTS IN PHARMACEUTICAL LEARNING

b. Make sure the information in the abstract is complete

Response to the Reviewer 1:

This study aims to analyze what pharmacy students need basic chemical concepts as prerequisite concepts in learning other concepts based on the curriculum. To achieve the expected goals, an analysis of the Semester Learning Plans (RPS). This research method was carried out descriptively, and the data obtained were processed qualitatively. The data obtained shows that 46% or 18 of the 39 courses in the five science units are subjects related to basic chemistry. Based on the analysis of the relationship between concepts in basic chemistry and other subjects, it was found that the concepts in the subject matter have a relationship of 16%, atomic structure 2%, periodic system of elements 6%, chemical bonds 20%, complex compounds 2%, stoichiometry 16%, redox and electrochemistry 12%, reaction rate 10%, nuclear chemistry 10%, and elemental chemistry 4%. Although the percentage value is low, it has an important relationship as one of the prerequisite materials. The real impact of this research is that the process of preparing the RPS has now adjusted to the needs of the concepts needed by students so that students can understand the next concept well.

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9 October 2021

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Dear Editor: Submission of Paper We wish to submit a new article entitled, "THE RELATIONSHIP OF BASIC CHEMICAL CONCEPTS IN PHARMACEUTICAL LEARNING" for intended publication in **Journal of Engineering, Science, and Technology** for your kind consideration.

We declare that the work submitted for publication is **original, previously unpublished** in English or any other language(s), and **not under consideration for publication elsewhere**. I also certify that all the authors have approved the paper for release and are in agreement with its content.

In this paper, This study aims to analyze what pharmacy students need basic chemical concepts as prerequisite concepts in learning other concepts based on the curriculum. To achieve the expected goals, an analysis of the Semester Learning Plans (RPS). This research method was carried out descriptively, and the data obtained were processed qualitatively. The data obtained shows that 46% or 18 of the 39 courses in the five science units are subjects related to basic chemistry. Based on the analysis of the relationship between concepts in basic chemistry and other subjects, it was found that the concepts in the subject matter have a relationship of 16%, atomic structure 2%, periodic system of elements 6%, chemical bonds 20%, complex compounds 2%, stoichiometry 16%, redox and electrochemistry 12%, reaction rate 10%, nuclear chemistry 10%, and elemental chemistry 4%. Although the percentage value is low, it has an important relationship as one of the prerequisite materials. The real impact of this research is that the process of preparing the RPS has now adjusted to the needs of the concepts needed by students so that students can understand the next concept well.

Since this study is typically rare, this would be a reference and should be of interest to readers, especially scientists and practitioners. Thus, we feel that this paper will be fit for publication in Journal of Engineering, Science, and Technology.

Please address all correspondence concerning this manuscript to me at watisukmawati@upi.edu, and I would notify you if there is a change of my email address. Thank you for your consideration of this manuscript.

Sincerely,

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