

From: [Vankeerbergen, Bernadette](mailto:Vankeerbergen.Bernadette)
To: ["burke.247@osu.edu"](mailto:burke.247@osu.edu)
Cc: Vaessin, Harald
Subject: Pharmacy 2010
Date: Wednesday, March 26, 2014 9:33:51 AM

Dear Ms. Burke,

Yesterday, the Natural and Mathematical Sciences Panel of the ASC Curriculum Committee reviewed a proposal to add GE Natural Science—Biological Science to Pharmacy 2010.

The Panel did not take a vote on the proposal but would like a few points to be addressed first, namely:

- The Panel expressed some concern about the biological, chemical, and anatomical background necessary to understand the concepts listed in the lecture schedule. Please show how/where those concepts will be integrated in the course. Will some of the lectures cover those topics? Please provide more detailed schedule. Demonstrate how a student with simple high school science background would be able to take this course. Alternatively (i.e., if the necessary background topics are not covered in the course itself), a Chemistry and/or Biology prerequisite might be sufficient—but it is not clear whether the course would then still qualify for GE.
- Tied to the point above, in the GE rationale, question A, explanation of how GE expected learning outcome (ELO) #1 will be addressed in the course objectives: “For instance, in order to achieve objectives #1-4, students must apply concepts from basic human anatomy, physiology, genetics, chemistry, and others”: Question: at what point in the course will those necessary background concepts be provided?
- In the same point/paragraph pertaining to how GE ELO#1 will be addressed in course objectives: “Students understand the basic facts, principles, theories, and methods of modern science.” Where are the “methods of modern science” addressed in the course?
- Syllabus:
 - p. 1, include GE *goals* (in addition to expected learning outcomes).
 - Concern that attendance is recommended but not required. Also, the paragraph on attendance mentions a “class” and “recitations”; however, the form in curriculum.osu.edu and the syllabus as a whole refer to “lectures” only.
- GE assessment plan is too generic, not GE specific. Request to focus solely on the assessment of the four GE expected learning outcomes and provide sample embedded questions for the GE expected learning outcomes.

I will return Pharmacy 2010 via curriculum.osu.edu in a minute to enable the unit to make the necessary changes.

Should you have any questions about this feedback, please do not hesitate to contact Harald Vaessin, Chair of the ASCC NMS Panel (cc'd on this e-mail), or me.

My best,
Bernadette

Bernadette Vankeerbergen, Ph.D.
Program Manager, Curriculum and Assessment
Arts and Sciences
The Ohio State University
154D Denney Hall
164 W 17th Ave.
Columbus, OH 43210
Phone: 614-688-5679
Fax: 614-292-6303
<http://ascas.osu.edu>