

From: [Steele, Rachel](#)
To: [Bomser, Joshua](#); [Porfeli, Erik J.](#); [Brown, Danielle](#)
Cc: [Vankeerbergen, Bernadette](#); [Hilty, Michael](#); [Cody, Emily](#); [Panero, Wendy](#)
Subject: Human Nutrition 2210
Date: Friday, October 15, 2021 3:29:00 PM
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Good afternoon,

On Wednesday, October 13th, the Natural and Mathematical Sciences Panel of the ASC Curriculum Committee reviewed a proposal for a change to Human Nutrition 2210.

The Panel unanimously approved the request with eight recommendations (in italics below,) and 1 comment:

- The Panel commends the department for their hard work and appreciates the structure of the new course.
- **Recommendation:** *The Panel believes that the 12 lab modules meet the minimum requirement for one additional credit hour of experiential learning. However, they strongly encourage the continued consideration of hour requirements in laboratory courses (ASC Curriculum Manual, pg. 18 under "Definition of Semester Credit Hour: https://asccas.osu.edu/sites/default/files/2021-09/2021-22_asc_curriculum_and_assessment_operations_manual.pdf), as the department monitors different iterations of the course under different instructors and in different semesters. Essentially, a 1-credit laboratory requires 2 "contact/laboratory hours" and 1 hour of "homework" in preparation for or following the actual lab.*
- **Recommendation:** *Related to the point above, the Panel recommends that the "Workload" section of the syllabus (pg. 6 under "Course Expectations") include a breakdown of how much time should be spent on laboratory activities vs. direct instruction, reading, studying, and other homework. Ohio Department of Higher Education Guidelines on this subject can be found in section VI.B.3 of [this document](#) under "Definition of Semester Credit Hour"*
- **Recommendation:** *The Panel recommends that the department consider the addition of content which covers why/how laboratory tools and measurement devices work (i.e., What is the chemical reaction that makes the glucose test strips change color? How does the presence or absence of a certain chemical compound change the appearance of the strip?)*
- **Recommendation:** *The Panel notes that the syllabus names Nutrition Lab 2A as one in which "first-hand data collection and experimentation are included" (syllabus pg. 10, paragraph 1.) However, the Carmen module seems to have these activities present in Nutrition Lab 2B. The Panel recommends that the department consider an instructional model where students perform hands-on experiments first and then utilize online simulators, rather than vice versa.*
- **Recommendation:** *The Panel recommends that the syllabus include information on how students will obtain their Nutrition Lab Kit.*
- **Recommendation:** *The Panel recommends that the course description (as*

seen in Buckeye Link, Schedule Planner, etc.) mention the approximate cost of the Nutrition Lab Kit so that students will be aware of the cost before registering for the course.

- **Recommendation:** The Panel recommends that the department consider including a short demonstration video with lab activities, especially those that use limited materials from the Nutrition Lab Kits. This may prevent students from inadvertently misusing consumable lab materials that could be difficult and/or expensive to replace in a timely manner.
- **Recommendation:** The Panel recommends that lab activities be labeled with an approximate time expectation so that students can plan appropriately (i.e., "You should set aside 60 minutes to complete this experiment.")

Human Nutrition 2210 will continue through the approval process.

Should you have any questions about the feedback of the Panel, please feel free to contact Wendy Panero (faculty Chair of the NMS Panel; cc'd on this e-mail), or me.

Best,
Rachel



Rachel Steele, MA

(Pronouns: she/her/hers / Honorific: Ms.)

Program Manager, Office of Curriculum and Assessment

College of Arts and Sciences

306 Dulles Hall 230 Annie and John Glenn Ave. Columbus, OH 43210

(614) 688-4540

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