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**Cc:** [Vaessin, Harald](mailto:Vaessin, Harald); ["pfister.1@osu.edu"](mailto:pfister.1@osu.edu)  
**Subject:** Dairy Minor & Human and Animal Interactions Minor  
**Date:** Tuesday, January 22, 2013 9:31:44 AM

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Dear Henry,

On Tuesday, January 15, the ASCC Natural and Mathematical Sciences Panel reviewed proposals for a new Dairy Minor and a new Minor in Human and Animal Interactions. Both proposals were *unanimously approved with contingencies*, which I here list:

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Diary Minor:

- Program learning goals in proposal: Language should emphasize what students will be able to do rather than the process of acquiring knowledge (cf. “develop an understanding of”). Use more active verbs.
- Program learning goal 3 in proposal: “Apply knowledge to solve problems and to integrate solutions to attain successful dairy production management and a profitable dairy enterprise.” This seems to be difficult to implement without going in the field. How would the “applying” be covered in the minor? Maybe it is a question of rephrasing learning goal 3 as on the ASC advising sheet, namely “provide the ability to apply knowledge gained to solve problems and to integrate solutions to attain successful dairy production management.”
- Course titles on p. 2 of proposal and on FAES advising sheet are either incorrect or incomplete.
- On FAES advising sheet: remove reference to “GEC” in restriction 4 and replace with “GE”.
- ASC advising sheet:
  - First paragraph: Change phrasing of description “The minor in Dairy Science provides students *with the ability to gain knowledge* in the dairy industry...” The *ability* to gain knowledge sounds like an understatement. Might it be more correct to say, “The minor in Dairy Science provides students *with knowledge* in the dairy industry...”
  - Minor sheet should clearly specify that at least 6 credit hours should be at the 3000-level or above.
  - Right column: Please delete “Arts and Sciences minor program guidelines” and replace with “Dairy Sciences minor program guidelines.” Then adjust information in that column, namely:
    - Delete “A minimum of 12 credit hrs (some minors require more).” And replace with “A minimum of 15 credit hours.”
    - Delete “Overlap with the GEC Permitted, unless specifically disallowed by an individual minor program.” Replace with “Overlap with the GE” and then state whether or not your minor permits an overlap with the GE (and if so to what extent).
- Typos:
  - Proposal p. 1, “Rationale” paragraph: “Several students pursuing majors in communication, agricultural systems, marketing, and business have expressed interest in a minor that provides a background in the dairy industry to aid them in pursuing

employment within their respective field as it relates to the dairy industry *for* or its allied partners.” Delete *for*.

- Proposal p. 2: Bullet points pertaining to direct measures: “Rubrics used in grading written assignments will have sub-scores addressing *this learning objective*.” Should read *these learning objectives*.

#### Human and Animal Interactions Minor:

- Question: Credit Hour Explanation chart in curriculum.osu.edu: Should Maximum required credit hours offered outside the unit be “5” (instead of 6)?
- Program learning goals in proposal: Language should emphasize what students will be able to do rather than the process of acquiring knowledge. Use more active verbs.
- Typo: Proposal p. 2: Bullet points pertaining to direct measures: “Rubrics used in grading written assignments will have sub-scores addressing *this learning objective*.” Should read *these learning objectives*.
- ASC advising sheet:
  - Minor sheet should clearly specify that at least 6 credit hours should be at the 3000-level or above.
  - Left column: for required courses, add “and” before “3600”. Thus, line will read: “ANIMSCI 2367 (3), 2400.05 (2), and 3600 or 3600E (3).” (Alternatively, one could use semicolons.)
  - In list of electives, ANIMSCI 2400 should be corrected to ANIMSCI 2400.01.
  - It might be useful to add comment that some courses need prerequisites. (For example, ENR 4360 requires 3300, 3600, or 3611.)
  - Right column: Please delete “Arts and Sciences minor program guidelines” and replace with “Human and Animal Interactions minor program guidelines.” Then adjust information in that column, namely:
    - Delete “(some minors require more).”
    - Delete “Overlap with the GEC Permitted, unless specifically disallowed by an individual minor program.” Replace with “Overlap with the GE” and then state whether or not your minor permits an overlap with the GE (and if so to what extent).
- On FAES advising sheet: remove reference to “GEC” in restriction 4 and replace with “GE”.

I will return those 2 minors via curriculum.osu.edu in a minute to enable the department to address the points above.

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

Best wishes,  
Bernadette

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