

From: [Vankeerbergen, Bernadette](#)
To: [Panero, Wendy](#)
Cc: [Daniels, Charles](#); [Haddad, Deborah](#)
Subject: Earth Sciences 1100 & 8870
Date: Tuesday, February 20, 2018 4:16:00 PM
Attachments: [image001.png](#)

Dear Wendy,

On Thursday, February 15, the Natural and Mathematical Sciences Panel of the ASC Curriculum Committee reviewed (1) a request to offer Earth Sciences 1100 (an existing course with GE Natural Science) in hybrid format and (2) a request to create new course Earth Sciences 8870.

Please find below the feedback of the Panel:

- 1) Earth Sciences 1100: unanimously approved with two contingencies and one comment
 - Comment: P. 1 of the syllabus refers to 7 modules. However, p. 8 lists 8 modules. (Module V, Structural Geology, is left out on p. 1.)
 - Contingencies:
 - P. 2 of the syllabus: Learning outcome # 2: "Students understand key events in the development of science and recognize that science is an evolving body of knowledge." The explanation of how the course fulfills this expected learning outcome is, "Students describe and explain the significance of key events in the history of earth science, especially the development of plate tectonic theory. Students should also learn key events in the geological, hydrological, atmospheric and biological history of the Earth." However, the development of science is not the same as the development of the earth. The explanation should explain how the course addresses the actual expected learning outcome.
 - The GE assessment plan should be updated to reflect current best practices for GE assessment. Read information pp. 64-66 of ASC Curriculum and Assessment Operations Manual https://ascas.osu.edu/sites/asccas.osu.edu/files/ASC_CurrAssess_Operations_Manual.pdf and use template in manual. Also, please make sure to use the current expected learning outcomes (ELOs) for the category; the language used with the embedded test questions is slightly outdated. Make sure that all these embedded questions actually do address each ELO. For example, the panel questions the validity of questions 6 and 9 for their respective ELOs.

- 2) Earth Sciences 8870: the Panel did not vote on the proposal but would like the following points addressed first:
 - Form in curriculum.osu.edu: Prereqs: Why are these not electronically enforced?
 - Syllabus includes no information on assignments & grading. Also, is providing feedback on other people's writing included in the grade? (When course is first taught, it would be useful for students to see a more detailed explanation of the concept of revising one's writing during the semester.)
 - Update disability statement & include statement on academic misconduct. See syllabus template pp. 13-15 https://asccas.osu.edu/sites/asccas.osu.edu/files/ASC_CurrAssess_Operations_Manual.pdf

I will return the course requests via curriculum.osu.edu in a minute to enable the School of Earth Sciences to address the points above.

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

My best,
Bernadette



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