

From: [Oldroyd, Shelby Q.](#)
To: [Panero, Wendy](#)
Cc: [Vaessin, Harald](#); [Haddad, Deborah](#); [Vankeerbergen, Bernadette](#)
Subject: Earth Sciences BS, Earth 1200, 2000, 2122 & 2122H
Date: Tuesday, September 17, 2019 4:06:00 PM

Dear Professor Panero,

On Monday, September 9, the Natural and Mathematical Sciences Panel of the ASC Curriculum Committee reviewed a revision to the BS in Earth Sciences, two new course proposals (Earth Sciences 1200 and 2000) and a course number change (Earth Science 2122 and 2122H). Please find below the Panel's feedback for these proposals.

Revision BS Earth Sciences – approved with two recommendations and three contingencies

- Recommendation: If students take both Chemistry 1210 and 1220, they should do so back to back.
- Recommendation: Add 4999.02 to the advising sheets (with 0-3 required credit hours) to better demonstrate to students that it is a separate requirement if they want a research distinction in addition to the required thesis.
- Contingency: Include the current program assessment plan, if not revising.
- Contingency: Correct the following mistakes on the curriculum sheets on pages 8-14 of the proposal:
 - Hours for preparation for major are 28-29, not 32-33
 - The core for all Earth Sciences majors is variable 9-10 credit hours.
 - The credit hour total for the Geological Sciences subprogram is 33-34, before the certificate.
 - The credit hour total for the CWE subprogram is 32-36, before the certificate. The specialization hours vary from 23-26.
 - Each subprogram should say "Complete an approved certificate, minor, *or* any second major."
- Contingency: Correct the following mistakes on the four-year plans:
 - For any prerequisites that also serve as a GE, indicate which GE is fulfilled by that course.
 - For all three four-year plans, students must either choose Biology 1113 or add an additional GE to fulfill the Natural Sciences: Biological Sciences requirement.
 - The CWE four-year plan is missing Physics 1250.
 - The Geophysics four-year plan is missing the Biology 1113/Physics 1251/Chemistry 1220 options.
 - Earth Science 1211 in the Geophysics four-year plan should be listed as a preparation requirement, not a major requirement.

Earth Sciences 1200 (new course) approved with three recommendations

- The grading scale cuts off at C-
- Fix formatting issues (e.g. uneven indentations and bullet points)
- Increase the font size on the disability statement to 16 point font. Fix a copy and

paste error on the disability statement which cut off the complete address for SLDS.

Earth Sciences 2000 (new course) approved with four recommendations

- The grading scale cuts off at C-
- Grade weights add up to 115%
- There may be some overlap between this course and the first year service course. Be aware that students may have completed some of these activities before (e.g. building a LinkedIn profile).
- Increase the font size on the disability statement to 16 point font. Fix a copy and paste error on the disability statement which cut off the complete address for SLDS.

Earth Sciences 2122 and 2122H (existing courses with GE Natural Science-Physical Science; change from 1000-level course & change title) approved with one contingency and multiple recommendations

- Contingency: Use the standard disability services statement from Curriculum and Assessment Operations Manual (recommended in 16 point font):
 - The University strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion. SLDS contact information: slds@osu.edu; 614-292-3307; slds.osu.edu; 098 Baker Hall, 113 W. 12th Avenue.
- Recommendation: Standardize the formatting in 2122H (multiple fonts and font sizes are currently used)
- Recommendation: Add the contact information for Counseling and Consultation Services on the 2122H syllabus.
- Recommendations on Assessment Plan:
 - The assessment plan mentions the GEC, which changed to GE at semester conversion.
 - The Panel recommends rewording the third paragraph of the “Brief description of the course” for the non-honors version. The Panel found this explanation difficult to understand.
 - The Panel recommends using a pre and post-test method to see if there is improvement from the beginning of the course to the end.
 - Provide sample questions of the methods used when submitting the GE report to the Assessment Panel, when requested.

I will return Earth Sciences 2122 and 2122H to the department queue via curriculum.osu.edu in order to address the Panel’s requests.

Earth Sciences 1200 and 2000 will continue through the approval process.

Please send a revised copy of the BS revision to me or to Bernadette Vankeerbergen (cc’d here).

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

Best wishes,
Shelby

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