

From: [Oldroyd, Shelby Q.](#)
To: [Panero, Wendy](#)
Cc: [Vaessin, Harald](#); [Vankeerbergen, Bernadette](#); [Haddad, Deborah](#)
Subject: Earth Sciences 5501, 5191.01, Certificates in Hydrogeology, Natural History Museum Curation, Marine Science, and Petroleum Geology
Date: Friday, September 27, 2019 4:03:00 PM

Dear Wendy,

On Monday, September 23, the Natural and Mathematical Sciences Panel of the ASC Curriculum Committee reviewed the following proposals: Earth Sciences 5501 (new course), Earth Sciences 5191.01 (new course), Certificate in Hydrogeology (new), Certificate in Natural History Museum Curation (new), Certificate in Marine Science (new), and Certificate in Petroleum Geology (new). Please find below the Panel's feedback for these courses and certificates.

1. Earth Sciences 5501 (new course); The Panel did not vote on the proposal as they would like the following points addressed:
 - The course grade is mostly based on a curation exercise and presentation (75% of the grade). It is unclear if this grade will be based on the entire exercise or just the presentation. Could this grade be broken down into smaller parts with other parts of the curation exercise included in the grading metric? Additionally, some weeks of the course (e.g. "What do museums do?") will not be reflected in this assignment.
 - Second course goal on curriculum.osu.edu is cut off.
 - This course might include too much work outside class for 3 credit hours. 4 hours of work outside class would still be 3 credit hours, but 6 hours of work outside class is approaching 4 credit hours.
 - On page 3 of the syllabus under assessment, the syllabus states "Reasonable allowance can be made for absences due to medical issues or other important, justified reasons." Panel recommends adding "as determined by the instructor."
 - The Panel also recommends limiting how many classes a student can miss, since it is a very hands-on course and would be difficult to make up.
 - Change title to "Natural History Museum Data Curation" so as not to be confused with art.
 - This distinction could also be reflected in the course description.
 - If the plan is to broaden this course in the future and market to students in other fields, ask for a concurrence from the Department of Art.
 - Remove "Limited to 3 credit hours maximum" from course description, since this is a fixed credit hour course.
 - The course schedule should include readings.
2. Earth Sciences 5191.01 (new course) approved
3. Certificate in Hydrogeology (new) approved with one contingency and six recommendations:
 - Contingency: Correct both letters of support that say "Certificate in Hydrology" rather than "Certificate in Hydrogeology."
 - Recommendation: Statements about what portion of the American Institute of Hydrology certificate is covered are inconsistent. Make the statements consistent throughout the proposal.
 - Recommendation: Correct the third program learning goal in the proposal and on curriculum.osu.edu that currently states "have completed the much of..."
 - Recommendation: Remove "better" from the program goals to say, "students will be prepared to..."
 - Recommendation: The program consists of 12 to 15 credit hours.
 - Recommendation: Corrections to prerequisites and exclusions:
 - Geography 5210 – clarify that the exclusion is Geography 5220, as Civil Engineering 5220 is also on the list of course options.
 - AgSysMt 4575 – exclusion of ENR 3000, not 300
 - Earth Science 5550 – 3 credit hours

- Recommendation: Include the following statement on advising for interdisciplinary programs: Advising and students support services are available through the department, college, and university, as is available to any student pursuing a program.
4. Certificate in Natural History Museum Curation (new) approved with two recommendations:
 - Maximum number of credit hours should be 14 on the curriculum.osu.edu form
 - Include the following statement on advising for interdisciplinary programs: Advising and student support services are available through the department, college, and university, as is available to any student pursuing a program.
 5. Certificate in Marine Science (new) approved with two recommendations:
 - Add the credit hours on the advising sheet for ENR 5614
 - Should say, “There are 15 tenured and tenure track faculty at OSU...” in the fourth paragraph of the rationale for the program.
 6. Certificate in Petroleum Geology (new) approved with two recommendations:
 - Include the following statement on advising for interdisciplinary programs: Advising and student support services are available through the department, college, and university, as is available to any student pursuing a program.
 - Fix the formatting for the second suggested pathway for students. The title for the pathway is cut off.

I will return Earth Sciences 5501 and the Certificate in Hydrogeology to the department queue via curriculum.osu.edu in order to address the Panel’s requests. Earth Sciences 5191.01 will continue through the approval process. The Certificates in Natural History Museum Curation, Marine Science, and Petroleum Geology will next be reviewed by the full ASCC.

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

Shelby Oldroyd
Curriculum and Assessment Assistant
College of Arts and Sciences
154E Denney Hall, 164 Annie & John Glenn Ave.
Columbus, OH 43210
Phone: 614-292-6248
<http://ascas.osu.edu>