Good afternoon Jay,

On Wednesday, March 5th, the Natural and Mathematical Sciences Subcommittee reviewed new program and course requests for the Interdisciplinary MS/PhD in QISE and QISE 7100, 7101, 7102, 7111, 7112, & 7113.

I am pleased to report that the Subcommittee unanimously approved the request with four contingencies:

- **Contingency:** The Subcommittee notes that new policy from the Ohio Department of Higher Education (ODHE) dictates that, for PhD programs, the number of credit hours required for specifically 8999 must now be between 16-30 credit hours. The Subcommittee asks that a short statement acknowledging that the Quantum Information Science and Engineering PhD will implement this new policy be added within the proposal.

- **Contingency:** The Subcommittee note that on page 25 of the program proposal, there is an example progress chart for the PhD program. In this chart, during the first autumn and spring semesters, students would be taking 6 hours of 7113 in the autumn and 9 hours of 7113 in the spring. This suggests that the students could be doing multiple rotations simultaneously in the same term, perhaps a burden for a graduate student while also taking other courses. The Subcommittee asks that the 7113 credit hours be limited to 3-credit hours for autumn and 3-credit hours for spring. The remainder of the hours required should be fulfilled by having students enroll within 8998.

- **Contingency:** On page 1 of the 7113 syllabus, there is mention, under the credit hour expectations section, that this course is a "variable" credit course. The Subcommittee asks that the syllabus remove the word variable, as this word, administratively, does not describe how the course will be implemented. The course will be repeatable, but the credit hours will not be variable.

- **Contingency:** On the PhD Graduate Student Advising Form (p. 217 of the PDF): Pre-candidacy document, the Subcommittee asks that "QISE-7999 dissertation research" be changed to "QISE-8999 dissertation research". 7999 is used for students enrolled within a master's program, whereas 8999 is used for PhD students. Additionally, given the new ODHE policy (as discussed above), the Subcommittee asks that the "required credits" under these credits be changed from "30+" to "16-30".

As a reminder, the Subcommittee's above contingencies must be addressed in a revision prior to the proposal moving forward. When the revisions are completed, please email me and Bernadette Vankeerbergen, Assistant Dean for Curriculum a copy of the revised program. We will ensure the proposal receives the appropriate review.

Should you have any questions, please don't hesitate to reach out to either Christopher Hadad, faculty Chair of the Natural and Mathematical Sciences Subcommittee, or me.

All my best,
Michael

THE OHIO STATE UNIVERSITY

Michael Hilty
Curriculum and Assessment Coordinator
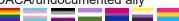ASC Staff Advisory Council, Chair

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Pronouns: he/him/his, they/them/theirs / Honorific: Mx.
 BLACK LIVES MATTER
STOP AAPI HATE
DACA/undocumented ally

I acknowledge that the land that The Ohio State University occupies is the ancestral and contemporary territory of the Shawnee, Potawatomi, Delaware, Miami, Peoria, Seneca, Wyandotte, Ojibwe and Cherokee peoples. Specifically, the university resides on land ceded in the 1795 Treaty of Greeneville and the forced removal of tribes through the Indian Removal Act of 1830. I honor the resiliency of these tribal nations and recognize the historical contexts that has and continues to affect the Indigenous peoples of this land.