THE OHIO STATE UNIVERSITY

College of Arts and Sciences
Division of Natural and Mathematical Sciences

Department of Microbiology

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April 16, 2019
To: Dr. Meg Daly, Chair of ASCC
From: Charles J. Daniels, Chair ASCC Natural and Mathematical Sciences Panel

Dear Meg,

On April 11th, the Natural and Mathematical Sciences Curriculum Committee panel reviewed a proposal from the Department of Mathematics to create a new track in the Ph.D. program designated as Applied Mathematics (MATH-PH-AP). The proposal included two course changes as contingencies, Numerical Methods in Scientific Computing Math 6601-6602; the panel also reviewed these.

The department's graduate studies committee approved the degree proposal in December of 2017, it received a positive vote (33 of 39 in favor) from the tenure/tenure tract faculty in January of 2018 and final plans were completed over the summer.

The proposed degree plan will support the growing number of faculty with research interests in the areas of applied and interdisciplinary mathematics and provide a rigorous program designed to accommodate students with a variety of different scientific interests. A number of peer institutions have training programs in this area and the newly designed degree track will create an opportunity to recruit strong students with applied interests to OSU.

Changes in the program focus on the qualifying and breath requirements for the Ph.D. degree; other aspects of the program will remain the same. The program is outlined in detail and provides clear descriptions for the specific changes in the qualifying and breath requirements, candidacy examination, and the dissertation. Advising sheets and an assessment plan are also presented.

The committee was pleased with the completeness and clarity of the proposal and voted unanimously to approve the request. The accompanying course change requests for Math 6601 and 6602, contingencies to the Applied Mathematics proposal, were also unanimously approved and we now advance the proposal to the ASCC with a motion to approve.

Respectfully,

Charles J. Daniels, Ph.D.