

Subject: New UG courses from Math
From: Yuan Wang <ywang@fau.edu>
Date: 3/15/2026, 5:38 PM
To: Hari Kalva <hkalva@fau.edu>
CC: Veronika Kuchta <vkuchta@fau.edu>

Hi Hari,

We are proposing two new undergrad courses:

- MAD 4xxx Mathematical Introduction to Quantum Algorithm (an undergrad version of our grad course Math Foundations of Quantum Algorithm), and
- MAD 4xxx Mathematics of Quantum Computing and Data Analysis (an undergrad version of our grad course Math Methods in Quantum Computation).

We will consult with the Registrar for appropriate course codes.

Please let me know if you have any feedback on these proposals.

Thank you very much!

Yuan

— Attachments: —

new course UG Math Intro to Quantum Algorithm.pdf	253 KB
Syllabus UG Math Intro to Quantum Algorithms.docx	116 KB
new course UG Math of Quantum Computing and Data Analysis.pdf	252 KB
Syllabus UG Math of Quantum Computing and Data Analysis.docx	27.6 KB

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From: Yuan Wang <ywang@fau.edu>

Date: 3/15/2026, 5:39 PM

To: Luc Wille <willel@fau.edu>, Christopher Beetle <cbeetle@fau.edu>

CC: Veronika Kuchta <vkuchta@fau.edu>

Hi Chris and Luc,

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