

Online Seminar on Undergraduate Mathematics Education

Restoring Confidence in the Value of Mathematics: BYU's Applied and Computational Mathematics Emphasis (ACME) program.

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Fifteen years ago, math majors told my colleague Jeff Humpherys and me, “We majored in math because we like it, but we know it won’t get us a job unless we want to teach.” This inspired us to create the applied and computational mathematics (ACME) program at BYU, which combines deep, beautiful mathematics with practical skills in demand by employers.

Since launching twelve years ago, our number of majors has nearly doubled, with ACME students now making up two-thirds of our department. Our graduates earn higher starting salaries and are entering top graduate programs, and alumni remain dedicated to supporting ACME. In this presentation, I’ll discuss the challenges we faced, how we built ACME’s success, and key lessons learned.



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Zoom link: <https://cornell.zoom.us/j/92415199317>, passcode olsume

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