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Exposing Society's Reliance on Mathematics: A crucial task

The average math undergraduate student is never exposed to late 20th century mathematics. There is a consensus in the larger mathematical community that it is vital for students to see mathematics as an ongoing dynamic enterprise with significant impact on society. While undergraduates lack the technical sophistication to delve deeply, it is a disservice to them to avoid giving them a broad worldview of mathematics as a discipline. This talk will outline the development of a capstone course for preservice teachers and math majors which attempts to fill this gap in the curriculum.