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Coding in the classroom

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There are many benefits to incorporating coding into mathematics classrooms: students begin to think algorithmically about mathematics, students learn a transferable skill, and the courses can include more real-world, data-driven problems. However, bringing programming into the math curriculum presents challenges. Success and difficulties of integrating programming into the liberal arts mathematics classroom will be presented. In particular, incorporating programming in conjunction with the development of an interdisciplinary biomathematics program at a liberal arts college will be discussed.

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Session Classification: Interdisciplinary curriculum development at the interface of mathematics, life science, and computing: challenges and progress

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