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Establishing an Undergraduate Program and Major in BioMathematics

To provide increased opportunity for students interested in the intersection of Biology, Mathematics and Computer Science, an interdisciplinary degree-granting program in BioMathematics was established at the Florida Institute of Technology (FIT). This new major encompasses a program that includes a significant undergraduate research component. The research students are supported by an NSF grant, UBM. Our emerging UBM program has already had a strong impact on the FIT campus, helping to create an atmosphere of excitement in undergraduates interested in exploring a new field and gaining novel research experience.

In this talk, the positive aspects as well as the difficulties in establishing this program at the departmental and institutional level will be discussed. Sample of projects and the newly established three biomath courses will be presented.