1023-K1-1365 Patti Frazer Lock* (plock@stlawu.edu), Dept of Mathematics, CS, and Statistics, St. Lawrence University, Canton, NY 13617, and Michael Caplan, Dan Flath and Jeff

Tecosky-Feldman. An Integrated Mathematics Course for Biology Students. Preliminary report.

This paper provides an update on the efforts of a group of mathematicians, statisticians, and biologists to develop an integrated first-year mathematics course for biologists. The course includes topics from statistics, precalculus, calculus, and differential equations, with a clear focus on including only material that is directly relevant in biology and on providing biological examples throughout that make the relevance explicit. (Received September 25, 2006)