

Course Equivalency: 00067 - Math 1142/1271/1281/1371/1571H

MATH 1281 (to be 1241)

Course Title Long: Calculus With Biological Emphasis I 4.0 credit(s)

Catalog Description: Differential calculus of single-variable functions, basics of integral calculus. Applications emphasizing biological sciences.

MATH 1142

Course Title Long: Short Calculus 4.0 credit(s)

Catalog Description: A streamlined one-semester tour of differential and integral calculus in one variable, and differential calculus in two variables. No trigonometry/does not have the same depth as MATH 1271-1272. Formulas and their interpretation and use in applications.

MATH 1271

Course Title Long: Calculus I 4.0 credit(s)

Catalog Description: Differential calculus of functions of a single variable, including polynomial, rational, exponential, and trig functions. Applications, including optimization and related rates problems. Single variable integral calculus, using anti-derivatives and simple substitution. Applications may include area, volume, work problems.

MATH 1371

Course Title Long: CSE Calculus I 4.0 credit(s)

Catalog Description: Differentiation of single-variable functions, basics of integration of single-variable functions. Applications: max-min, related rates, area, curve-sketching. Use of calculator, cooperative learning.