

MATH 180 : Calculus A

Calculus is the mathematical study of quantities that change with time and of areas and volumes. The development of calculus is one of the great discoveries of humanity, and the resulting discipline is of fundamental importance not only for students of the natural sciences, but also graduate work in the social sciences. Introduces major issues in calculus: functions, limits, derivatives and integrals. Concludes with the fundamental theorem of calculus, which relates areas to rates of change.

Credits 4

Attributes

Analytical Reasoning

Appropriate for First-year Students

Natural Sciences Division