

MATH 231: DISCRETE MATHEMATICAL STRUCTURES(Q)

This is an introduction to techniques of theoretical mathematics. We will explore logic, truth tables, deductive proof and the principle of mathematical induction. Algorithms, algebraic structures, discrete probability, counting methods, relations, and graph theory are also covered. Some of the topics have substantial application to computer science.

Credits: 3

Prerequisites:

MATH 211. Fall semester.

Department: [Mathematics & Applied Mathematics](#)